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ABSTRACT

This annual publication describes the collections, staffing, expenditures, and public service activities for the 109 university and 11 nonuniversity members of the Association of Research Libraries (ARL) during the 1995-96 fiscal year. This edition offers instructions for locating interactive ARL statistics on the World Wide Web, a 44-item bibliography, summary data tables on collections, expenditures, and personnel and public services, an analysis of selected variables, and Ph.D., faculty, and enrollment statistics. A collection of rank order tables offers statistical information on: volumes in library; volumes added (gross); current serials (totals); microform units; government documents; materials expenditures; salaries and wages expenditures; other operating expenditures; total library expenditures; monographs purchased (volumes); expenditures for monographs; serials purchased (subscriptions); expenditures for serials; total items loaned; total items borrowed; professional staff full-time equivalent (FTE); support staff (FTE); and total staff (FTE). A copy of the ARL statistics questionnaire is provided along with footnotes to the statistics and a list of ARL members. A complete list of the ARL member libraries is appended. (AEF)

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# ART STATISTICS

## Association of Research Libraries

# 1995-96

ED 405 898

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# ARL STATISTICS 1995-96

A Compilation of Statistics
from the One Hundred and Twenty Members of the
Association of Research Libraries

Compiled and Edited by

Martha Kyrillidou
Ken Rodriguez
Kendon Stubbs

Association of Research Libraries
Washington, DC
1997

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- *Research Library Statistics, 1907-08 through 1991-92*
- *ARL Statistics 1992-93*
- *ARL Statistics 1993-94*
- *ARL Statistics 1994-95*
- *ARL Statistics 1995-96*

*The quantitative rank order tables presented in this publication are not indicative of performance and outcomes and should not be used as measures of library quality. In comparing any individual library to ARL medians or to other ARL members, one must be careful to make such comparisons within the context of differing institutional and local goals and characteristics.*

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## INTRODUCTION

*ARL Statistics 1995-96* is the latest in a series of annual publications that describe collections, staffing, expenditures, and service activities for the 120 member libraries of the Association of Research Libraries (ARL). Of these, 109 are university libraries, including Ohio University, which became a member of ARL in 1996; the remaining 11 are public, governmental, and private research libraries. A complete list of the ARL member libraries is provided as Appendix A. ARL member libraries are the largest research libraries in North America, representing 15 Canadian and 105 U.S. research institutions. The academic libraries, which comprise about 91% of the membership, include 13 Canadian and 96 U.S. libraries.

Statistics have been collected and published annually for the members of the Association of Research Libraries since 1961-62. Before that, annual statistics for university libraries were collected by James Gerould, first at Minnesota and later at Princeton.[1] These data cover the years 1907-08 through 1961-62 and are now called the Gerould statistics.[2] The whole data series from 1908 to the present represents the oldest and most comprehensive continuing library statistical series in North America. Data since 1992-93 are available through a WWW interactive interface,[3] and machine readable datafiles since 1908 are available on the ARL gopher.[4] For more information on the electronic editions of the *ARL Statistics*, see page 15.

ARL libraries are a relatively small subset of all academic libraries in North America, but they account for a large portion of academic library resources in size of assets, budgets, and number of users they serve. Although limited to describing only ARL member institutions, the ARL data are indicators of library trends for North America in general because of the size of resources and users they represent and serve.

## SERVICE TRENDS

With the increasing recognition that the success of an academic library is dependent not only on the information resources owned but also on the use of these resources, measurement of service has special importance. ARL collects data about public service activities such as circulations (initial, total, and reserve), reference transactions, library instruction (group presentations and participants in these presentations), and interlibrary borrowing and lending. These data, although not comprehensive for the range of library user-initiated activities, represent select service areas. Readers should be cautious when they use these data for comparisons across institutions because local policies can influence the level of service activities. For example, loan periods, which are usually determined by local policies, vary widely among libraries; thus, a library with a shorter loan period will report a larger number of circulation transactions compared to a library with a longer loan period.

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[1] Kendon L. Stubbs and Robert E. Molyneux, *Research Library Statistics 1907-08 through 1987-88* (Washington, DC: Association of Research Libraries, 1990).

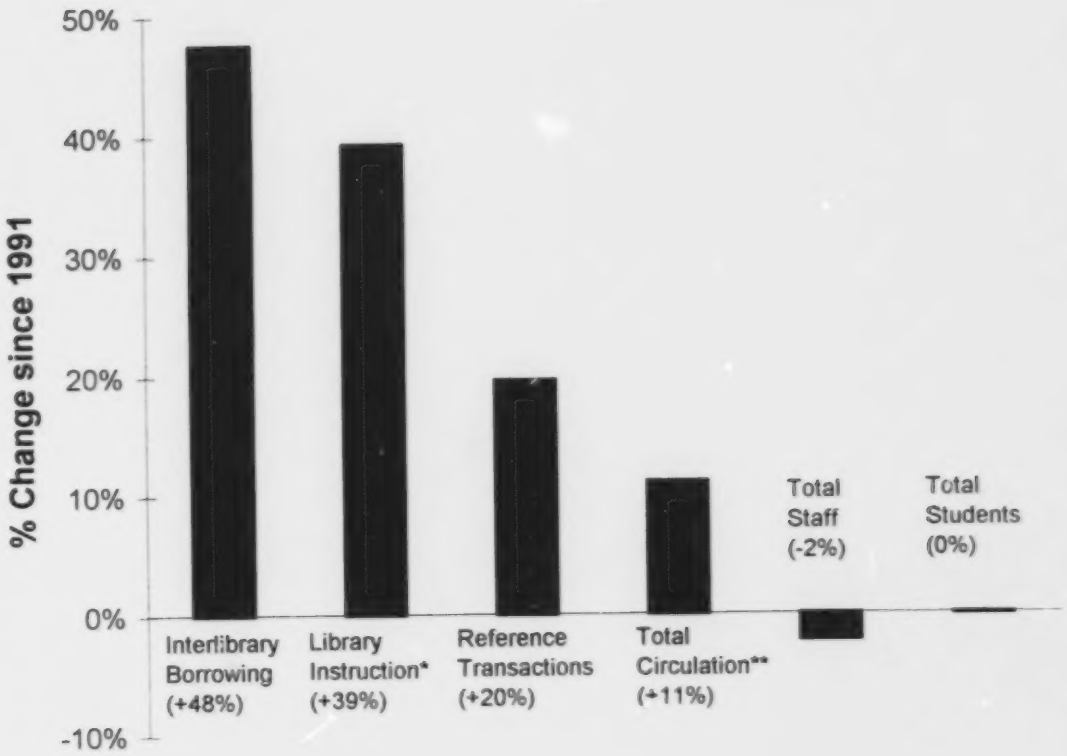
[2] Robert E. Molyneux, *The Gerould Statistics 1907/08-1961/62*. (Washington, DC: Association of Research Libraries, 1986).

[3] <http://www.lib.virginia.edu/socsci/arl/test-arl>

[4] <gopher://arl.cni.org:70/11/stat/machine/>

Graph 1

## Service Trends in ARL Libraries, 1991-96




* Library Instruction represents the number of Group Presentations
** Total Circulation includes Initial and Renewals but excludes Reserve Circulation

**Table 1**
**Service Trends in ARL Libraries, 1991-96**
**Median Values for Time-Series Trends**

| Year | Interlibrary Borrowing | Library Instruction | Reference Transactions | Total Circulation | Total Staff | Total Students |
|---|---|---|---|---|---|---|
| (No. of Libraries) | (106) | (87) | (83) | (87) | (106) | (106) |
| 1991 | 10,342 | 512 | 131,441 | 501,128 | 271 | 18,290 |
| 1992 | 11,318 | 535 | 132,574 | 536,039 | 267 | 18,273 |
| 1993 | 12,486 | 620 | 139,044 | 559,383 | 263 | 18,450 |
| 1994 | 13,996 | 569 | 152,706 | 570,671 | 266 | 18,287 |
| 1995 | 14,403 | 683 | 149,326 | 575,731 | 267 | 18,089 |
| 1996 | 15,259 | 713 | 157,275 | 556,658 | 265 | 18,269 |
| Annual average percent change | 8.1% | 6.8% | 3.7% | 2.1% | -0.4% | 0.0% |

With this in mind, it is useful to look at the growth of services in the aggregate. Graph 1 on "Service Trends" illustrates that there has been a significant increase in the aggregate of services delivered to users while there has been a decline in the staffing levels of libraries. It makes clear that user demand for research library services has risen considerably faster than both numbers of users and library staffs. In only five years, interlibrary borrowing and instructional sessions have risen by more than a third; reference transactions (information contacts) by 20%; and circulation by 11%. Although these services have increased considerably since 1991, there has been a slowing down in the rate of growth of three out of these four areas (reference transactions is the exception) compared to last year. Whether this slowing down is an indication that other electronic service areas are compensating has not yet been determined.

Other evidence indicates that the increasing availability of information in electronic form is coming closer to meeting the information needs of students and enhancing the ways in which research libraries provide service. For example, online catalogs have made library resources more easily accessible to library users, consequently increasing circulation of materials.[5] New and sophisticated information tools such as CD-ROMs have increased the demand for assistance from library staff, and consequently, the number of reference questions. Perhaps most interestingly, by 1996 one of every four instructional sessions in a typical ARL library had been added since 1991. The typical ARL library offered over 700 teaching sessions during 1995-96. If we assume that each session was an hour or more, then, on the average, the typical library offered the equivalent of 16 three-hour credit courses last year.

These increases in service activities were carried out by fewer staff since 1991. In five years, staff in ARL libraries accommodated increases of 21,000 instructional sessions, almost six million additional circulations, and almost three million additional requests for information assistance from students and faculty. Clearly a great amount of restructuring and re-engineering of staff functions has been underway in ARL libraries to accommodate increases of these magnitudes in staff workloads.

## THE DECLINE OF OWNERSHIP

While demand for library services is increasing drastically, library budgets cannot keep up with serial and monograph inflation costs. Graph 2 entitled "Monograph and Serial Costs" tells this story. As serial subscriptions are canceled and monograph acquisitions reduced, services such as interlibrary loan are used more heavily, as shown in Graph 3 entitled "Supply and Demand." Consequently, "Resources per Student" are reduced, as shown in Graph 4.

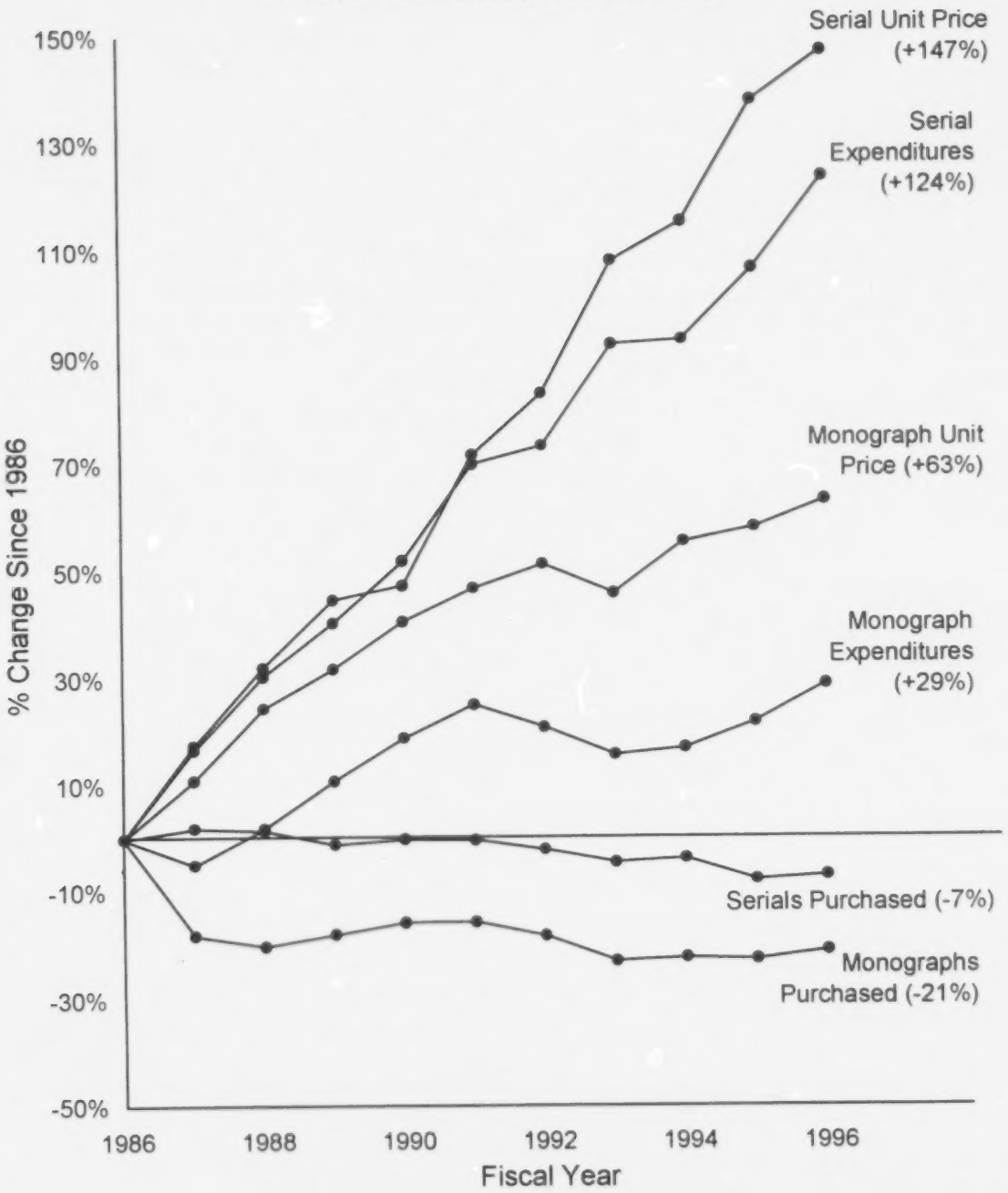
Although it is tempting to draw generalizations from these major trends, it would be a mistake to oversimplify. The environment of academic and research libraries is complex. To some extent, these trends are tied to the transformational nature of new technologies and networking capabilities. Although most monograph and serial titles are still produced in a paper format, traditional formats are being challenged by electronic production and dissemination of scholarly information. Electronic

---

[5] New data elements collected through the experimental *ARL Supplementary Statistics* show that there is a positive relation between the percent of items cataloged and available through an Online Public Access Catalog (OPAC) and circulation.

Graph 2

## Monograph and Serial Costs in ARL Libraries, 1986-1996




Source: *ARL Statistics 1995-96,* Association of Research Libraries, Washington DC

**Table 2**
**Monograph and Serial Costs in ARL Libraries, 1986-1996**
**Median Values for Time-Series Trends**

| Year | Serial Unit Price | Serial Expenditures | Monograph Unit Price | Monograph Expenditures | Serials Purchased | Monographs Purchased |
|---|---|---|---|---|---|---|
| (No. of Libraries) | (43) | (103) | (63) | (99) | (43) | (63) |
| 1986 | $88.81 | $1,517,724 | $28.65 | $1,120,645 | 16,198 | 33,210 |
| 1987 | $104.30 | $1,770,567 | $31.76 | $1,064,484 | 16,518 | 27,214 |
| 1988 | $117.25 | $1,979,604 | $35.63 | $1,141,226 | 16,443 | 26,541 |
| 1989 | $128.47 | $2,130,162 | $37.74 | $1,241,133 | 16,015 | 27,268 |
| 1990 | $130.81 | $2,304,744 | $40.26 | $1,330,747 | 16,182 | 27,999 |
| 1991 | $152.43 | $2,578,309 | $42.04 | $1,400,738 | 16,149 | 28,027 |
| 1992 | $162.72 | $2,630,827 | $43.31 | $1,353,865 | 15,846 | 27,158 |
| 1993 | $184.71 | $2,919,756 | $41.78 | $1,295,807 | 15,463 | 25,583 |
| 1994 | $191.13 | $2,932,091 | $44.51 | $1,309,807 | 15,583 | 25,803 |
| 1995 | $211.29 | $3,133,885 | $45.27 | $1,365,575 | 14,942 | 25,719 |
| 1996 | $219.46 | $3,393,307 | $46.73 | $1,444,015 | 15,069 | 26,262 |
| Annual average percent change[6] | 9.5% | 8.4% | 5.0% | 2.6% | -0.7% | -2.3% |

communication and the establishment of networks, consortia, and inter-institutional agreements are similarly making the dissemination of information more effective not only for digitized materials but for printed books and/or photocopies as well. Other possible explanations for the trends above could also include the strong emphasis on scientific and technical research, expectations for timely information, and the twigging effect of specialization in new fields of knowledge. No matter what the underlying causal relations, research libraries are exchanging some of the traditional archival imperatives for the demands of "information here and now."

In more specific terms, ARL data show that while ARL libraries more than doubled expenditures for serials from 1986 to 1996, they bought 7% fewer serials (Table 2). During the last decade, libraries shifted expenditures for monographs to meet some of the demands of increasing serial prices and reduced the number of monographs purchased by 21%, while the unit price for monographs increased by 63%. Since 1986 the annual average increase for the serial unit price has been 9.5% and for the monograph unit price 5%,[7] which is higher than the general inflation trends in North America during the same period.

[6] The annual average percent changes published in the *ARL Statistics 1994-95* were not correct. The correct figures for the annual average percent change from 1986 to 1995 are: serial unit price = 10.1%; serial expenditures = 8.4%; monograph unit price = 5.2%; monograph expenditures = 2.2%; serials purchased = -.9%; and, monographs purchased = -2.8%.

[7] The *ARL Statistics 1985-86*, based on only the data for that one year, shows a median unit price of $29.50 for monographs (p. 28) and the *ARL Statistics 1995-96*, based on data submitted only for that one year, show a median unit price of $45.70 (p. 46). However, the annually published figures on the table entitled "Analysis of Selected Variables of University Libraries" are not appropriate indicators for a time series analysis because some ARL libraries did not report this information throughout the time period.



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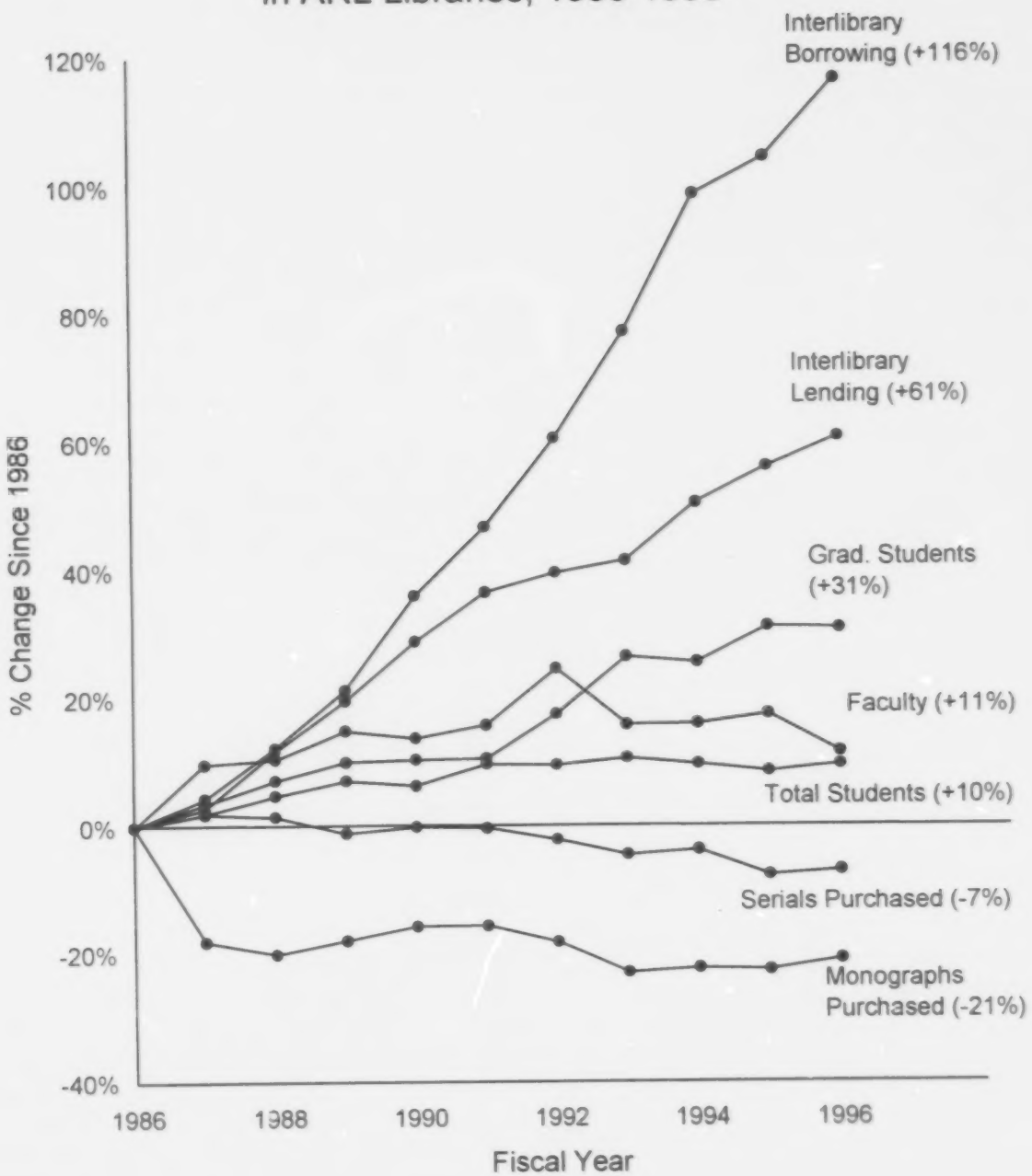
Graph 3

## Supply and Demand in ARL Libraries, 1986-1996




Source: *ARL Statistics 1995-96*, Association of Research Libraries, Washington DC

## THE PROMISE OF ACCESS

Although libraries are buying fewer serials and monographs than they bought nine years ago, they are called upon to serve a slightly higher number of students and faculty (Graph 3 and Table 3). In 1986, the typical ARL library subscribed to 16,198 serials and bought 33,210 monographs for 16,684 students and 1,125 faculty. However, in 1996, it bought only 15,069 serials and 26,262 monographs for 18,269 students and 1,254 faculty.

**Table 3**
**Supply and Demand in ARL Libraries, 1986-1996**
**Median Values for Time-Series Trends**

| Year | Interlibrary Borrowing | Interlibrary Lending | Graduate Students[8] | Teaching Faculty | Total Students | Serials Purchased | Monographs Purchased |
|---|---|---|---|---|---|---|---|
| (No. of Libraries) | (106) | (106) | (106) | (103) | (106) | (43) | (63) |
| 1986 | 7,049 | 16,152 | 3,040 | 1,125 | 16,684 | 16,198 | 33,210 |
| 1987 | 7,362 | 16,608 | 3,148 | 1,234 | 17,029 | 16,518 | 27,214 |
| 1988 | 7,914 | 18,060 | 3,259 | 1,243 | 17,485 | 16,443 | 26,541 |
| 1989 | 8,548 | 19,317 | 3,346 | 1,293 | 17,866 | 16,015 | 27,268 |
| 1990 | 9,588 | 20,815 | 3,357 | 1,280 | 17,745 | 16,182 | 27,999 |
| 1991 | 10,342 | 22,056 | 3,362 | 1,303 | 18,290 | 16,149 | 28,027 |
| 1992 | 11,318 | 22,547 | 3,572 | 1,401 | 18,273 | 15,846 | 27,158 |
| 1993 | 12,486 | 22,840 | 3,842 | 1,303 | 18,450 | 15,463 | 25,583 |
| 1994 | 13,996 | 24,293 | 3,815 | 1,304 | 18,287 | 15,583 | 25,803 |
| 1995 | 14,403 | 25,201 | 3,984 | 1,321 | 18,089 | 14,942 | 25,719 |
| 1996 | 15,259 | 25,947 | 3,975 | 1,254 | 18,269 | 15,069 | 26,262 |
| Annual average percent change[9] | 8.0% | 4.9% | 2.7% | 1.1% | 0.9% | -0.7% | -2.3% |

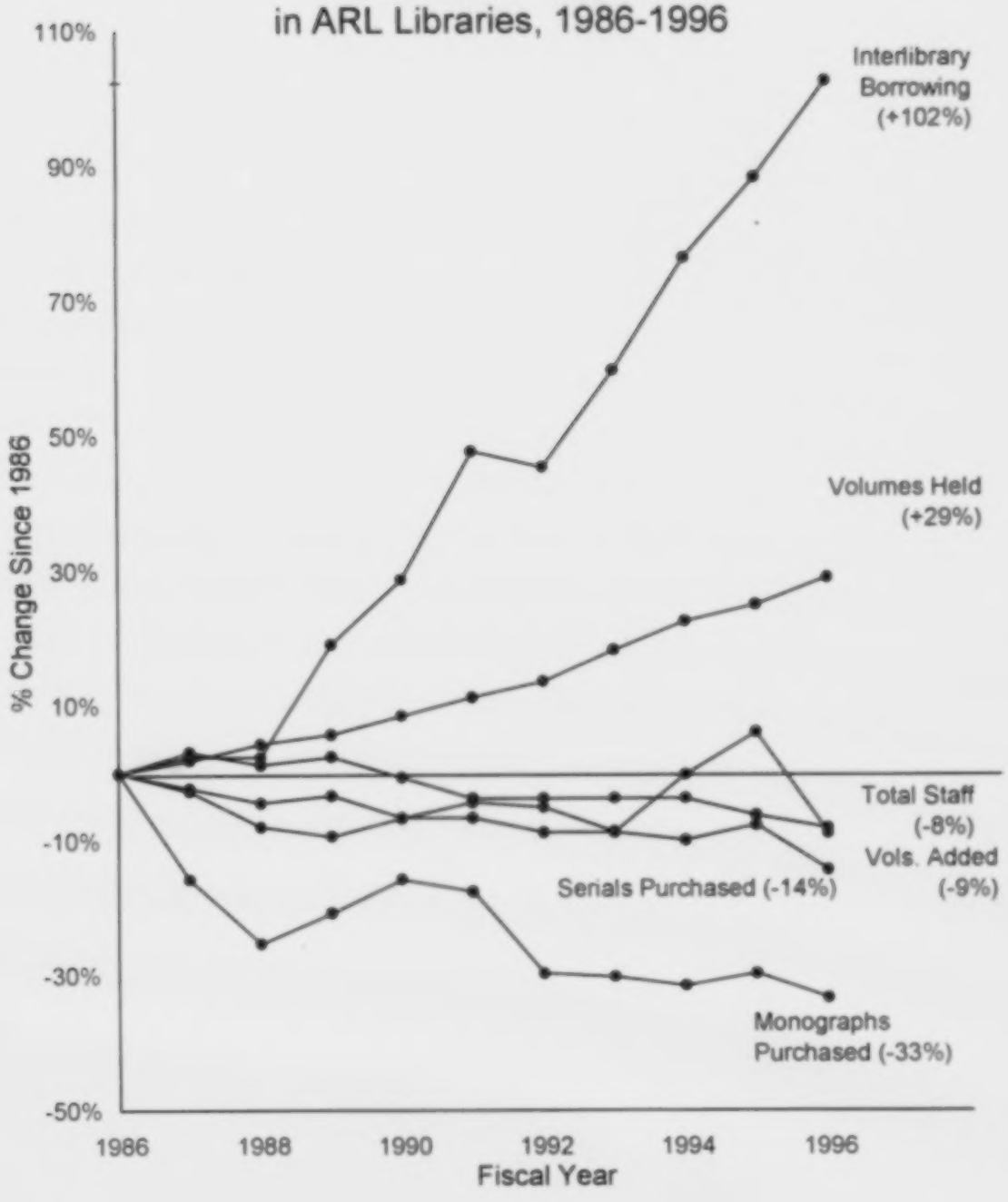
While serial subscriptions are canceled and monograph purchases are reduced, faculty and students are borrowing through interlibrary loan more than twice as many items in 1996 as in 1986. Libraries are also lending 61% more items today than they did nine years ago. Libraries have joined state-wide and regional consortia to meet some of these demands and to share some of the burdens of licensing information sources. They are placing more emphasis on access, as the cost of access appears more affordable compared to the cost of ownership. State legislators have demonstrated a willingness to invest in state-wide library systems (e.g., OhioLINK, Illinet Online, TexShare, Virginia's VIVA, etc.) for more efficient use of library resources despite difficult local financial circumstances. Research libraries are pioneers in extending such cooperation beyond political boundaries: for example, the Consortium for Institutional Cooperation (CIC) crosses state boundaries, being the harbinger of a distributed global scholarly library network.

[8] Figures revised.

[9] The annual average percent changes published in the *ARL Statistics 1994-95* were not correct. The correct figures for the annual average percent change from 1986 to 1995 are: interlibrary borrowing = 8.3%; interlibrary lending = 5.1%; graduate students = 3.1%; teaching faculty = 1.8%; total students = .9%; serials purchased = -.9%; monographs purchased = -2.8%.

Graph 4

## Resources per Student in ARL Libraries, 1986-1996




Source: *ARL Statistics 1995-96*, Association of Research Libraries, Washington DC

Table 4 also shows that per student borrowing activity through interlibrary loan increased 8% during the last year alone, compared to the 7.3% annual increase since 1986. Libraries are borrowing twice as many items on a per student basis as they did ten years ago.[10] Acquisition levels for both serials and monographs per student continue to slide. Libraries acquire a third fewer monographs and 14% fewer serials per student now than they did in 1986. That is actually 780 serial subscriptions and 1,480 monographs per 1,000 students in 1996 compared to 910 serial titles and 2,220 monographs purchased per 1,000 students in 1986.[11]

The median number of volumes added per student is at a low point compared to 1986. In 1996, the median number of volumes added was 3.81 per student compared to the 4.18 volumes added per student in 1986. Libraries also had fewer staff per student in 1996 as compared to 1986. Staffing levels are at their lowest level since 1986; in 1996, there was a median number of 14.7 total staff per 1,000 students.

**Table 4**
**Resources per Student in ARL Libraries, 1986-1996**
**Median of RatioValues for Time-Series Trends**

| Year | Interlibrary Borrowing | Volumes Held | Volumes Added (Gross) | Total Staff | Serials Purchased | Monographs Purchased |
|---|---|---|---|---|---|---|
| (No. of Libraries) | (106) | (106) | (106) | (106) | (43) | (63) |
| 1986 | 0.42 | 123.97 | 4.18 | 0.0160 | 0.91 | 2.22 |
| 1987 | 0.43 | 126.34 | 4.07 | 0.0165 | 0.89 | 1.87 |
| 1988 | 0.43 | 129.34 | 3.85 | 0.0162 | 0.87 | 1.66 |
| 1989 | 0.50 | 131.04 | 3.79 | 0.0164 | 0.88 | 1.76 |
| 1990 | 0.54 | 134.45 | 3.90 | 0.0159 | 0.85 | 1.87 |
| 1991 | 0.62 | 137.79 | 4.00 | 0.0154 | 0.85 | 1.83 |
| 1992 | 0.61 | 140.79 | 3.97 | 0.0154 | 0.83 | 1.56 |
| 1993 | 0.67 | 146.44 | 3.82 | 0.0154 | 0.83 | 1.55 |
| 1994 | 0.74 | 151.77 | 4.17 | 0.0154 | 0.82 | 1.52 |
| 1995 | 0.79 | 154.82 | 4.43 | 0.0150 | 0.84 | 1.56 |
| 1996 | 0.85 | 159.74 | 3.81 | 0.0147 | 0.78 | 1.48 |
| Annual average percent change[12] | 7.3% | 2.6% | -0.9% | -0.8% | -1.5% | -4.0% |

In sum, purchases of fewer serials and monographs, coupled with increases in expenditures for serials and monographs, are indicators of the declining purchasing power of academic libraries. Higher levels of service activities, i.e., interlibrary loan, circulation, reference transactions, and library instruction, serve as indicators of increased access to library resources. Research libraries are

[10] This overall trend should not be interpreted as a rigid doubling period as it falsifies the varying experiences of individual libraries.

[11] To get the number of resources per 1,000 students, multiply the figures in Table 4 by 1,000.

[12] The annual average percent changes published in the *ARL Statistics 1994-95* were not correct. The correct figures for the annual average percent change from 1986 to 1995 are: interlibrary borrowing = 7.3%; volumes held = 2.5%; volumes added (gross) = .6%; total staff = -.7%; serials purchased = -.9%; monographs purchased = -3.8%.

instruction, serve as indicators of increased access to library resources. Research libraries are doing more as technological innovation is readily adopted and barriers to access are gradually reduced.

Library roles are being redefined as the academic community undergoes changes. The ARL Statistics and Measurement Program and its oversight committee continue to look for new ways to describe and measure the performance of research libraries and their contribution to teaching, research, learning, and community service. In a period of rapid change and fluctuation, the information gathered in this data compilation represents only a very basic and rudimentary picture of major trends affecting research libraries, their resources and their use. This data compilation does not assess, for example, the quality of an organization in meeting user needs. Such answers can only be found by library staff who systematically explore with users their real needs and design better service delivery systems at the local level. The ARL Statistics and Measurement Program is trying to assist libraries in these efforts through training efforts and customized services.

Those using the *ARL Statistics* to compare individual libraries should consult the "Footnotes" and the symbols in the "ARL Library Data Tables." Although definitions used in the *Statistics* aim for consistency, differing reporting practices do exist among member libraries. To aid comparability in the *ARL Statistics*, expenditures of Canadian libraries are expressed in U.S. dollars, at the rate of 1.3613 Canadian dollars to one U.S. dollar. This exchange rate is the average monthly noon exchange rate published in the *Bank of Canada Review* for the period July 1995 - June 1996. Expenditures reported in Canadian dollars are given in the "Footnotes" to the *ARL Statistics*.

The quantitative rank order tables presented in this publication are not indicative of performance and outcomes and should not be used as measures of library quality. In comparing any individual library to ARL medians or to other ARL members, one must be careful to make such comparisons within the context of differing institutional and local goals and characteristics.

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February 24, 1997

## INTERACTIVE ARL STATISTICS ON THE WORLD WIDE WEB

*ARL Statistics 1995-96* is available also through an interactive WWW edition, supplementing previously available data from 1992-93. Maintained and supported by the Social Sciences Data Center at the University of Virginia, this site offers researchers access to *ARL Statistics* with documentation. The site is formatted for use with Netscape 2.02™ or higher, but other browsers also may be used to access the data.

The site offers maps and graphics depicting current library trends. For the particularly adventurous, the site links to an interactive graphics and statistics page, allowing users to manipulate their data queries. One may choose univariate, bivariate, or multivariate statistics in addition to a vast array of selections with which to customize a query. The interactive page also includes options for regional aggregates, customized samples of observations, simple rank order tabulations of data, and the ability to create ratios of any two variables. It also includes ten years of the membership index data (volumes held, volumes added gross, current serials, total library expenditures, and total staff), as published in the *Chronicle of Higher Education* each spring, which can be displayed as numbers or graphs. It includes an explanation of how the ARL membership index is used in assessing new members and a table of formulas for calculating the index for the last ten years. You can locate these capabilities and more at

<http://www.lib.virginia.edu/socsci/arl/test-arl/>.

Even if you do not have access to a graphical WWW browser, you can now ftp the *ARL Statistics* datafiles since 1908 in spreadsheet and ASCII format from

<gopher://arl.cni.org:70/11/stat/machine> or
<ftp://arl.cni.org/pub/stat/machine>.

The latest ARL membership index data are available at

<gopher://arl.cni.org:70/11/stat/criteria>.

General information about the ARL Statistics and Measurement Program is located at

<http://arl.cni.org/stats/Statistics/stat.html>.

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_____. "New Directions for ARL Statistics." *ARL: A Bimonthly Newsletter of Research Library Issues and Actions* 161 (March 1992): 1-2, 4.

_____. "ARL Statistics Show Continuing Impact of Serials Prices." *ARL: A Bimonthly Newsletter of Research Library Issues and Actions* 155 (March 1991): 5.

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ARL LIBRARY DATA TABLES

# ARL Library Data Tables 1995-96

## Collections

| (Survey Question #) | | Volumes in Library (1) | Volumes Added (Gross) (2) | Volumes Added (Net) (3) | Mono-graphs Purchased (Volumes) (4) | Current Serials Purchased (Subs.) (5) | Current Serials Not Purchased (6) | Current Serials Total (7) |
|---|---|---|---|---|---|---|---|---|
| INSTITUTION | Notes | | | | | | | |
| ALABAMA | LM+ | 2,057,586 | 31,174 | 33,176 | 20,699 | 9,807 | 4,618 | 14,425 |
| ALBERTA | BLM+ | 5,085,060 | 124,163 | 116,768 | 35,538 | 19,569 | 6,104 | 25,673 |
| ARIZONA | bLM+ | 4,343,130 | 119,920 | 116,822 | 50,555 | 21,682 | 3,566 | 25,248 |
| ARIZONA STATE | BL+ | 3,175,896 | 79,655 | 73,268 | 64,371 | 21,768 | 14,486 | 36,254 |
| AUBURN | + | 2,401,321 | 108,987 | 97,995 | 23,826 | 7,819 | 11,374 | 19,193 |
| BOSTON | LM+ | 2,051,555 | 59,813 | 47,199 | 19,979 | 17,285 | 11,664 | 28,949 |
| BRIGHAM YOUNG | + | 2,411,754 | 52,896 | 40,473 | 40,935 | 9,504 | 6,983 | 16,487 |
| BRITISH COLUMBIA | LM+ | 3,745,735 | 118,290 | 98,187 | 54,610 | 14,188 | 4,808 | 18,996 |
| BROWN | + | 2,810,163 | 53,018 | 47,967 | 27,302 | 10,243 | 2,858 | 13,101 |
| CALIFORNIA, BERKELEY | L+ | 8,462,123 | 173,149 | 165,563 | U/A | U/A | U/A | 83,351 |
| CALIFORNIA, DAVIS | bLM+ | 2,871,796 | 82,560 | 63,933 | U/A | U/A | U/A | 46,655 |
| CALIFORNIA, IRVINE | M+ | 1,917,250 | 55,321 | 42,185 | 16,594 | 11,285 | 9,822 | 21,107 |
| CALIFORNIA, LOS ANGELES | LM+ | 6,772,851 | 182,599 | 156,373 | 149,279 | U/A | U/A | 95,610 |
| CALIFORNIA, RIVERSIDE | + | 1,801,213 | 48,995 | 47,508 | 29,221 | 7,393 | 5,862 | 13,255 |
| CALIFORNIA, SAN DIEGO | M+ | 2,469,912 | 122,395 | 103,893 | 62,104 | 15,402 | 8,019 | 23,421 |
| CALIFORNIA, SANTA BARBARA | + | 2,305,494 | 62,401 | 57,668 | 33,558 | 11,187 | 7,638 | 18,825 |
| CASE WESTERN RESERVE | LM+ | 1,938,840 | 28,984 | 23,166 | 13,544 | 11,123 | 2,476 | 13,599 |
| CHICAGO | bLM+ | 5,982,101 | 132,571 | 128,087 | 65,718 | U/A | U/A | 40,711 |
| CINCINNATI | LM+ | 2,113,966 | 70,303 | 64,110 | 29,483 | U/A | U/A | 19,431 |
| COLORADO | L+ | 2,672,243 | 52,360 | 48,000 | 51,020 | 18,347 | 11,170 | 29,517 |
| COLORADO STATE | + | 1,656,039 | 56,404 | 49,397 | 25,428 | 9,025 | 12,056 | 21,081 |
| COLUMBIA | LM+ | 6,792,274 | 153,083 | 127,526 | U/A | 40,263 | 25,012 | 65,275 |
| CONNECTICUT | BGLM+ | 2,626,066 | 89,847 | 79,087 | 20,623 | 16,067 | 1,675 | 17,742 |
| CORNELL | BL+ | 5,952,217 | 154,473 | 116,982 | U/A | U/A | U/A | 61,673 |
| DARTMOUTH | M+ | 2,179,116 | 57,447 | 48,444 | 34,461 | 16,821 | 3,301 | 20,122 |
| DELAWARE | G+ | 2,259,121 | 46,821 | 45,573 | 33,332 | 9,381 | 2,400 | 11,781 |
| DUKE | GLM+ | 4,534,208 | 125,367 | 118,683 | 49,181 | U/A | U/A | 33,205 |
| EMORY | BLM+ | 2,311,985 | 71,039 | 55,138 | U/A | 17,357 | 7,330 | 24,687 |
| FLORIDA | LM+ | 3,258,300 | 102,531 | 83,840 | 42,341 | 20,454 | 6,321 | 26,775 |
| FLORIDA STATE | BGL+ | 2,176,297 | 65,066 | 59,787 | U/A | U/A | U/A | 16,384 |
| GEORGETOWN | GLM+ | 2,122,911 | 63,410 | 51,522 | 30,485 | 25,080 | 2,042 | 27,122 |
| GEORGIA | L | 3,392,238 | 99,533 | 88,970 | 61,757 | U/A | U/A | 46,169 |
| GEORGIA TECH | + | 1,916,350 | 53,174 | 50,623 | 11,731 | 6,159 | 6,567 | 12,726 |
| GUELPH | b+ | 2,072,030 | 20,660 | 15,163 | 11,688 | U/A | U/A | 10,375 |
| HARVARD | LM+ | 13,369,855 | 276,677 | 207,466 | U/A | U/A | U/A | 97,568 |
| HAWAII | + | 2,888,498 | 41,200 | 34,273 | 9,471 | 17,753 | 9,563 | 27,316 |
| HOUSTON | GL+ | 1,899,229 | 58,002 | 52,848 | 25,120 | 14,334 | 799 | 15,133 |
| HOWARD | GLM+ | 2,299,158 | 21,433 | 19,930 | 19,130 | 14,106 | 357 | 14,463 |
| ILLINOIS, CHICAGO | M+ | 1,915,371 | 52,050 | 42,119 | 26,586 | 15,161 | 1,302 | 16,463 |
| ILLINOIS, URBANA | L+ | 8,840,326 | 181,738 | 174,512 | 66,878 | U/A | U/A | 91,094 |

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
G - Government Documents Not Included in Serials Count
B - Includes Branch Campuses
b - Bibliographic Count
U/A - Unavailable
N/A - Not Applicable



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# ARL Library Data Tables 1995-96

## Collections

| Microform Units | Government Documents | Computer Files | Archives and Manus. | Carto-graphic Materials | Graphic Materials | Audio Materials | Video and Film | |
|---|---|---|---|---|---|---|---|---|
| (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (Survey Question #) |
| | | | | | | | | INSTITUTION |
| 3,224,111 | 1,153,248 | 2,202 | 25,453 | 266,595 | 178,508 | 19,683 | 2,782 | ALABAMA |
| 3,637,355 | 449,269 | 5,821 | 10,265 | 1,366,000 | U/A | U/A | U/A | ALBERTA |
| 5,309,084 | 0 | 2,905 | 7,237 | 242,289 | 339,499 | 34,735 | 9,515 | ARIZONA |
| 6,484,688 | 730,430 | 1,993 | 14,891 | 187,147 | 583,802 | 50,364 | 13,125 | ARIZONA STATE |
| 2,289,345 | 391,818 | 861 | 7,510 | 136,229 | 445,728 | 22,322 | 5,658 | AUBURN |
| 3,564,394 | U/A | 788 | 37,823 | 1,700 | 21,300 | 43,768 | U/A | BOSTON |
| 2,311,821 | 355,439 | 2,594 | 15,547 | 222,423 | 18,370 | 50,648 | 2,238 | BRIGHAM YOUNG |
| 4,456,148 | 830,415 | 3,906 | 9,929 | 516,693 | 445,768 | 131,903 | 8,069 | BRITISH COLUMBIA |
| 1,561,108 | 0 | 2,441 | 5,746 | 132,932 | 863,929 | 51,360 | 3,031 | BROWN |
| 5,675,702 | 106,259 | 4,591 | U/A | 394,186 | 2,955,039 | 65,669 | 14,685 | CALIFORNIA, BERKELEY |
| 3,689,558 | 100,834 | 2,203 | 10,643 | 235,367 | 210,961 | 13,478 | 479 | CALIFORNIA, DAVIS |
| 2,186,867 | 319,421 | 3,199 | 1,816 | 8,901 | 71,664 | 12,556 | 2,380 | CALIFORNIA, IRVINE |
| 5,815,667 | 69,882 | 2,538 | 77,067 | 621,689 | 4,343,240 | 145,016 | 15,710 | CALIFORNIA, LOS ANGELES |
| 1,615,027 | 363,741 | 1,135 | 2,131 | 87,055 | 21,182 | 14,126 | 3,305 | CALIFORNIA, RIVERSIDE |
| 2,605,157 | 208,323 | 8,023 | 7,067 | 213,999 | 282,362 | 74,195 | 3,935 | CALIFORNIA, SAN DIEGO |
| 3,463,288 | 667,863 | 2,471 | 8,681 | 3,546,470 | 7,320 | 90,376 | 2,679 | CALIFORNIA, SANTA BARBARA |
| 2,226,822 | 76,596 | 2,750 | 945 | 64,000 | 72,165 | 27,650 | 5,122 | CASE WESTERN RESERVE |
| 2,308,586 | U/A | 499 | 21,806 | 384,364 | 0 | 18,325 | 616 | CHICAGO |
| 3,009,059 | 399,121 | 2,947 | 17,665 | 121,065 | 348,221 | 40,343 | 12,013 | CINCINNATI |
| 5,569,400 | 1,623,397 | 3,167 | 26,237 | 198,092 | 347,061 | 46,124 | 9,696 | COLORADO |
| 2,327,921 | 316,179 | 2,755 | 2,065 | 58,627 | 2,346 | 6,670 | 103 | COLORADO STATE |
| 5,124,800 | 174,033 | U/A | 208,756 | 129,098 | 573,418 | U/A | U/A | COLUMBIA |
| 3,827,347 | U/A | 1,469 | 17,152 | 167,447 | 2,636 | 24,335 | 4,125 | CONNECTICUT |
| 6,980,459 | U/A | 4,126 | 55,556 | 221,701 | 31,904 | 74,490 | 11,327 | CORNELL |
| 2,436,419 | 0 | 3,359 | 11,655 | 172,047 | 358,768 | 26,810 | 3,002 | DARTMOUTH |
| 2,848,718 | 416,299 | 2,151 | 2,710 | 126,687 | 632 | 1,441 | 7,592 | DELAWARE |
| 3,314,158 | 1,348,849 | 4,613 | 21,791 | 126,253 | 1,141 | 21,804 | 9,701 | DUKE |
| 3,178,980 | 128,532 | 1,849 | 10,137 | 25,471 | 2,671 | 16,848 | 8,155 | EMORY |
| 6,026,299 | 1,194,892 | 11,762 | 7,245 | 686,549 | 122,215 | 19,231 | 7,041 | FLORIDA |
| 4,545,276 | 883,559 | 2,083 | 2,485 | 166,073 | 431 | 37,335 | 3,889 | FLORIDA STATE |
| 2,879,589 | 446,802 | 6,917 | 14,039 | 1,140 | 83,055 | 53,825 | 9,831 | GEORGETOWN |
| 5,507,430 | 917,766 | 2,443 | 35,170 | 591,491 | U/A | 45,080 | 21,724 | GEORGIA |
| 3,837,639 | 0 | 3,313 | 8,232 | 179,843 | 100,946 | 1,866 | 3,107 | GEORGIA TECH |
| 1,495,483 | 0 | 1,046 | 6,803 | 72,353 | U/A | 9,988 | 6,658 | GUELPH |
| 7,953,568 | U/A | U/A | U/A | U/A | U/A | U/A | U/A | HARVARD |
| 5,657,508 | 0 | 1,616 | 4,326 | 241,559 | 1,801 | 19,610 | 13,143 | HAWAII |
| 3,733,365 | 651,191 | 396 | 2,051 | 608 | 200 | 365 | 1,492 | HOUSTON |
| 3,702,296 | U/A | 454 | 6,600 | 78 | 32,800 | 24,264 | 62,349 | HOWARD |
| 2,415,405 | 696,109 | 716 | 19,676 | 173,771 | 221,137 | 13,600 | 8,678 | ILLINOIS, CHICAGO |
| 4,577,775 | U/A | 2,722 | 23,629 | 620,260 | 86,419 | 135,326 | 8,197 | ILLINOIS, URBANA |

U/A - Unavailable N/A - Not Applicable



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# ARL Library Data Tables 1995-96

## Collections

| INSTITUTION | Notes | Volumes in Library (1) | Volumes Added (Gross) (2) | Volumes Added (Net) (3) | Mono-graphs Purchased (Volumes) (4) | Current Serials Purchased (Subs.) (5) | Current Serials Not Purchased (6) | Current Serials Total (7) |
|---|---|---|---|---|---|---|---|---|
| INDIANA | L+ | 5,790,384 | 168,830 | 113,058 | 56,500 | 27,820 | 13,244 | 41,064 |
| IOWA | LM+ | 3,751,596 | 105,601 | 96,100 | 42,040 | 19,393 | 18,977 | 38,370 |
| IOWA STATE | + | 2,104,204 | 55,768 | 45,813 | 26,262 | 15,069 | 6,706 | 21,775 |
| JOHNS HOPKINS | BM+ | 3,172,679 | 64,906 | 53,914 | 40,327 | 15,377 | 5,013 | 20,390 |
| KANSAS | BLM+ | 3,450,463 | 77,061 | 73,082 | 39,402 | 17,884 | 14,457 | 32,341 |
| KENT STATE | B+ | 2,288,661 | 71,581 | 64,001 | 14,035 | 7,734 | 3,942 | 11,676 |
| KENTUCKY | LM+ | 2,633,632 | 48,936 | 43,571 | 17,198 | 14,227 | 12,167 | 26,394 |
| LAVAL | LM+ | 2,213,137 | 81,000 | 78,672 | 25,560 | 10,762 | 3,607 | 14,369 |
| LOUISIANA STATE | L+ | 2,878,866 | 59,061 | 46,909 | 13,268 | 12,790 | 5,780 | 18,570 |
| MCGILL | bLM+ | 2,948,633 | 77,955 | 69,917 | 30,477 | 11,639 | 5,093 | 16,732 |
| MCMASTER | M+ | 1,764,841 | 29,034 | 26,983 | 17,600 | 8,447 | 3,529 | 11,976 |
| MANITOBA | GLM+ | 1,710,480 | 33,844 | 29,643 | 12,944 | 8,323 | 1,268 | 9,591 |
| MARYLAND | + | 2,539,110 | 84,077 | 74,487 | 37,288 | 14,376 | 11,883 | 26,259 |
| MASSACHUSETTS | + | 2,762,244 | 66,450 | 65,552 | 31,801 | 10,648 | 4,870 | 15,518 |
| MIT | + | 2,448,647 | 45,613 | 39,511 | 16,830 | 9,211 | 8,604 | 17,815 |
| MIAMI | LM+ | 2,084,131 | 57,628 | 51,912 | 24,600 | 15,835 | 3,766 | 19,601 |
| MICHIGAN | LM+ | 6,874,648 | 140,853 | 100,133 | U/A | 35,184 | 34,382 | 69,566 |
| MICHIGAN STATE | + | 4,047,477 | 115,761 | 75,081 | 31,136 | 13,231 | 14,363 | 27,594 |
| MINNESOTA | bLM+ | 5,376,090 | 146,615 | 134,500 | 35,980 | 33,598 | 14,269 | 47,867 |
| MISSOURI | LM+ | 2,768,911 | 47,397 | 38,155 | 26,276 | U/A | U/A | 23,618 |
| NEBRASKA | L+ | 2,384,200 | 59,450 | 52,237 | 18,965 | 12,432 | 9,463 | 21,895 |
| NEW MEXICO | bLM+ | 2,093,086 | 69,482 | 66,519 | 29,568 | 12,266 | 4,517 | 16,783 |
| NEW YORK | LM+ | 3,508,001 | 131,693 | 122,543 | 68,580 | 28,741 | 946 | 29,687 |
| NORTH CAROLINA | LM+ | 4,674,502 | 123,872 | 117,941 | 63,560 | 21,692 | 21,879 | 43,571 |
| NORTH CAROLINA STATE | + | 2,540,328 | 71,695 | 67,518 | 43,022 | 10,782 | 10,804 | 21,586 |
| NORTHWESTERN | LM+ | 3,840,439 | 93,130 | 64,913 | U/A | U/A | U/A | 39,033 |
| NOTRE DAME | L+ | 2,524,921 | 70,183 | 65,934 | 37,994 | U/A | U/A | 23,505 |
| OHIO | BM+ | 2,043,840 | 55,625 | 51,774 | U/A | U/A | U/A | 25,839 |
| OHIO STATE | bLM+ | 4,977,610 | 129,134 | 113,088 | 53,333 | 24,331 | 8,949 | 33,280 |
| OKLAHOMA | LM+ | 2,575,825 | 48,793 | 44,766 | 18,173 | 16,155 | 414 | 16,569 |
| OKLAHOMA STATE | BM+ | 1,896,863 | 67,984 | 65,099 | 14,513 | U/A | U/A | 18,866 |
| OREGON | L+ | 2,211,768 | 71,533 | 68,202 | 29,543 | 11,262 | 4,997 | 16,259 |
| PENNSYLVANIA | LM+ | 4,437,523 | 119,990 | 113,298 | 59,542 | U/A | U/A | 33,530 |
| PENNSYLVANIA STATE | B+ | 3,724,916 | 109,916 | 92,264 | U/A | 21,067 | 10,739 | 31,806 |
| PITTSBURGH | BLM+ | 3,730,778 | 110,104 | 94,110 | U/A | U/A | U/A | 25,786 |
| PRINCETON | + | 5,405,087 | 119,314 | 112,138 | U/A | U/A | U/A | 33,073 |
| PURDUE | bG+ | 2,201,543 | 46,041 | 34,594 | 15,066 | 12,310 | 8,232 | 20,542 |
| QUEEN'S | bGLM+ | 2,113,953 | 58,151 | 50,614 | 21,804 | 11,026 | 704 | 11,730 |
| RICE | b+ | 1,905,042 | 47,057 | 40,707 | U/A | 7,982 | 2,111 | 10,093 |
| ROCHESTER | M+ | 2,922,335 | 43,350 | 40,312 | 21,128 | 8,936 | 893 | 9,829 |

\+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
G - Government Documents Not Included in Serials Count
B - Includes Branch Campuses
b - Bibliographic Count
U/A - Unavailable
N/A - Not Applicable

# ARL Library Data Tables 1995-96

## Collections

| Microform Units | Government Documents | Computer Files | Archives and Manus. | Carto-graphic Materials | Graphic Materials | Audio Materials | Video and Film | |
|---|---|---|---|---|---|---|---|---|
| (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (Survey Question #) |
| | | | | | | | | INSTITUTION |
| 3,743,511 | 70,364 | 3,728 | 31,550 | 380,368 | 639,435 | 269,460 | 27,370 | INDIANA |
| 5,819,830 | 1,024,507 | 5,100 | 11,311 | 347,529 | 227,084 | 21,453 | 6,154 | IOWA |
| 2,888,345 | 0 | 1,303 | 11,387 | 127,904 | 696,843 | 14,474 | 36,744 | IOWA STATE |
| 3,585,880 | 0 | 3,094 | 12,516 | 208,039 | 56,503 | 22,998 | 3,002 | JOHNS HOPKINS |
| 2,983,680 | 696,618 | 3,499 | 16,364 | 313,396 | 2,721,818 | 26,126 | 12,369 | KANSAS |
| 1,167,194 | 137 | 1,321 | 8,809 | 262,965 | 31,760 | 22,344 | 21,089 | KENT STATE |
| 5,593,370 | 1,147,735 | 3,087 | 22,625 | 237,043 | 611,110 | 37,491 | 34,055 | KENTUCKY |
| 1,206,230 | 500 | 1,043 | 0 | 318,450 | 203,250 | 22,503 | 12,712 | LAVAL |
| 4,995,722 | 84,720 | U/A | 18,522 | 303,137 | U/A | 35,057 | 4,041 | LOUISIANA STATE |
| 1,402,613 | 831,859 | 1,082 | 2,448 | 229,265 | 244,198 | 30,246 | 30,648 | MCGILL |
| 1,407,290 | 158,195 | 672 | 10,703 | 135,011 | 4,535 | 31,817 | 1,826 | MCMASTER |
| 1,281,370 | 512,690 | 1,368 | 2,436 | 103,419 | 651,639 | 19,297 | 2,319 | MANITOBA |
| 5,072,884 | 743,194 | 1,936 | 24,562 | 213,989 | 74,768 | 123,250 | 21,666 | MARYLAND |
| 2,193,812 | 315,238 | 1,303 | 10,221 | 130,365 | 0 | 16,647 | 0 | MASSACHUSETTS |
| 2,163,900 | 0 | 4,113 | 10,174 | 113,672 | 419,058 | 19,850 | 2,481 | MIT |
| 3,110,320 | 510,111 | 1,962 | 5,671 | 61,659 | 58,284 | 37,447 | 2,447 | MIAMI |
| 5,566,940 | 0 | 6,340 | 30,006 | 308,315 | 1,617,579 | 30,850 | 19,793 | MICHIGAN |
| 5,101,191 | 0 | 5,523 | 1,010 | 213,827 | 1,817 | 40,287 | 133 | MICHIGAN STATE |
| 5,242,524 | 2,910,143 | 5,047 | 39,254 | 393,351 | U/A | U/A | U/A | MINNESOTA |
| 6,365,210 | 1,732,296 | U/A | U/A | U/A | U/A | 15,686 | U/A | MISSOURI |
| 4,062,246 | 540,571 | 872 | 5,318 | 148,410 | 8,791 | 24,815 | 1,091 | NEBRASKA |
| 6,185,795 | 285,011 | 4,375 | 16,990 | 205,765 | 1,486,043 | 37,218 | 4,788 | NEW MEXICO |
| 4,001,184 | 421,322 | 1,506 | 13,609 | U/A | 810,041 | 36,269 | 8,679 | NEW YORK |
| 4,044,679 | 1,576,559 | 3,632 | 21,790 | 299,670 | 515,564 | 122,793 | 32,740 | NORTH CAROLINA |
| 4,427,896 | 0 | 3,023 | 4,700 | 36,729 | 73,123 | 2,382 | 5,505 | NORTH CAROLINA STATE |
| 3,284,677 | 6,401 | 2,208 | 16,028 | 221,885 | 370,113 | 50,175 | 12,872 | NORTHWESTERN |
| 2,746,657 | 0 | 1,411 | U/A | 72,735 | U/A | 12,180 | 3,203 | NOTRE DAME |
| 2,411,657 | 1,130 | 3,371 | 9,906 | 166,743 | 132,258 | 48,028 | 19,602 | OHIO |
| 4,196,464 | 128,425 | 1,197 | 18,507 | 173,777 | 1,877,311 | U/A | U/A | OHIO STATE |
| 3,562,814 | 1,740,824 | 605 | 11,698 | 146,908 | 188,929 | 2,178 | 3,989 | OKLAHOMA |
| 3,416,124 | 16,073 | 5,784 | 5,297 | 263,366 | 183,042 | 8,112 | 10,415 | OKLAHOMA STATE |
| 1,906,570 | 468,411 | 306 | 57,802 | 819,340 | 983,933 | 49,890 | 5,897 | OREGON |
| 2,999,180 | 0 | 1,771 | 9,340 | 119,835 | 543,670 | 46,941 | 960 | PENNSYLVANIA |
| 3,355,549 | 0 | 2,534 | 21,328 | 352,289 | 505,336 | 49,918 | 121,070 | PENNSYLVANIA STATE |
| 3,651,950 | 22,262 | 3,732 | 16,090 | 100,373 | 689,694 | 40,869 | 17,397 | PITTSBURGH |
| 3,892,428 | 530,757 | U/A | 36,031 | 394,049 | 220,676 | 61,956 | 143 | PRINCETON |
| 2,259,260 | 481,865 | 1,131 | 1,591 | 344,906 | 851 | 788 | 7,289 | PURDUE |
| 3,370,409 | 1,000,938 | U/A | U/A | 145,631 | 27,022 | U/A | U/A | QUEEN'S |
| 2,402,575 | 319,698 | 1,890 | 4,382 | 25,470 | 26,547 | 25,647 | 3,190 | RICE |
| 4,102,438 | 558,646 | 4,296 | 15,811 | 98,452 | 7,500 | 65,219 | 1,140 | ROCHESTER |

U/A - Unavailable N/A - Not Applicable



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# ARL Library Data Tables 1995-96

## Collections

| (Survey Question #) | | Volumes in Library (1) | Volumes Added (Gross) (2) | Volumes Added (Net) (3) | Mono-graphs Purchased (Volumes) (4) | Current Serials Purchased (Subs.) (5) | Current Serials Not Purchased (6) | Current Serials Total (7) |
|---|---|---|---|---|---|---|---|---|
| INSTITUTION | Notes | | | | | | | |
| RUTGERS | BL+ | 3,567,690 | 100,952 | 86,770 | 35,788 | U/A | U/A | 29,490 |
| SASKATCHEWAN | LM+ | 1,664,881 | 50,654 | 16,345 | 17,153 | 8,693 | 5,123 | 13,816 |
| SOUTH CAROLINA | LM+ | 2,933,864 | 70,966 | 68,279 | 35,308 | U/A | U/A | 18,047 |
| SOUTHERN CALIFORNIA | bBLM+ | 3,344,620 | 56,658 | 40,682 | 47,608 | 21,871 | 5,548 | 27,419 |
| SOUTHERN ILLINOIS | GL+ | 2,326,357 | 47,570 | 23,519 | 18,091 | 14,996 | 2,366 | 17,362 |
| STANFORD | GLM+ | 6,746,550 | 213,257 | 196,825 | U/A | U/A | U/A | 44,131 |
| SUNY-ALBANY | B+ | 1,842,937 | 42,764 | 27,611 | 19,789 | U/A | U/A | 16,103 |
| SUNY-BUFFALO | GLM+ | 2,991,288 | 85,213 | 53,502 | 35,371 | 16,550 | 4,535 | 21,085 |
| SUNY-STONY BROOK | M+ | 1,963,363 | 45,687 | 33,395 | 19,925 | 8,125 | 3,014 | 11,139 |
| SYRACUSE | bBL+ | 2,692,147 | 44,345 | 32,539 | 15,138 | 15,369 | 1,056 | 16,425 |
| TEMPLE | BLM+ | 2,301,269 | 49,223 | 38,750 | 27,139 | 10,452 | 3,961 | 14,413 |
| TENNESSEE | L+ | 2,194,881 | 57,693 | 51,553 | 30,302 | 16,306 | 1,172 | 17,478 |
| TEXAS | L+ | 7,329,663 | 156,552 | 152,774 | 47,512 | 27,209 | 24,353 | 51,562 |
| TEXAS A&M | bBM+ | 2,367,072 | 89,011 | 85,418 | 30,479 | 17,017 | 5,764 | 22,781 |
| TORONTO | LM+ | 6,905,360 | 221,007 | 192,331 | 119,847 | 30,657 | 8,462 | 39,119 |
| TULANE | GLM+ | 2,076,236 | 49,897 | 46,459 | 23,301 | 14,718 | 158 | 14,876 |
| UTAH | LM+ | 2,540,550 | 65,962 | 63,304 | U/A | 12,692 | 2,853 | 15,545 |
| VANDERBILT | GLM+ | 2,388,311 | 60,611 | 52,586 | U/A | 15,859 | 1,150 | 17,009 |
| VIRGINIA | LM+ | 4,276,435 | 126,983 | 110,279 | 58,286 | 24,940 | 22,452 | 47,392 |
| VPI & SU | + | 1,978,869 | 61,438 | 27,289 | 21,726 | 12,987 | 5,750 | 18,737 |
| WASHINGTON | LM+ | 5,601,263 | 164,069 | 129,479 | 40,227 | 36,665 | 19,630 | 56,295 |
| WASHINGTON STATE | + | 1,833,749 | 36,287 | 35,929 | 17,255 | U/A | U/A | 25,166 |
| WASHINGTON U.-ST. LOUIS | GLM+ | 3,164,136 | 86,279 | 68,823 | 24,375 | 18,257 | 344 | 18,601 |
| WATERLOO | + | 1,768,713 | 29,982 | 18,459 | 17,202 | U/A | U/A | 14,184 |
| WAYNE STATE | bLM+ | 2,960,222 | 57,856 | 55,581 | 20,069 | 16,232 | 8,459 | 24,691 |
| WESTERN ONTARIO | L+ | 2,221,940 | 54,449 | 40,611 | U/A | 11,661 | 5,377 | 17,038 |
| WISCONSIN | LM+ | 5,737,834 | 105,036 | 84,949 | 58,660 | 33,424 | 11,394 | 44,818 |
| YALE | GLM | 9,758,341 | 160,407 | 148,520 | 108,999 | U/A | U/A | 57,377 |
| YORK | BL+ | 2,161,470 | 55,684 | 46,960 | 35,603 | U/A | U/A | 12,542 |
| BOSTON PUBLIC LIBRARY | + | 6,631,913 | 185,857 | 50,187 | 162,983 | U/A | U/A | 29,226 |
| CANADA INST. FOR SCITECH. | B+ | 7,921,231 | 59,735 | 59,735 | U/A | U/A | U/A | U/A |
| CENTER FOR RESEARCH LIBS. | bG+ | 3,113,020 | 18,562 | 18,562 | 2,247 | U/A | U/A | 14,847 |
| LIBRARY OF CONGRESS | L+ | 23,672,003 | 317,497 | 314,333 | 120,692 | 16,150 | 133,850 | 150,000 |
| LINDA HALL LIBRARY | + | 720,002 | 14,228 | 13,784 | 5,767 | 9,614 | 3,847 | 13,461 |
| NATL. AGRICULTURAL LIB. | b+ | 2,235,329 | 30,299 | 30,285 | 4,738 | 6,292 | 19,127 | 25,419 |
| NATL. LIBRARY OF CANADA | + | 6,166,153 | U/A | 99,955 | 7,804 | 1,913 | 32,676 | 34,589 |
| NATL. LIBRARY OF MEDICINE | M+ | 2,181,783 | 37,713 | 37,553 | 14,444 | 21,736 | 4,151 | 25,887 |
| NEW YORK PUBLIC LIBRARY | G+ | 7,309,690 | 167,773 | 159,167 | 70,254 | U/A | U/A | 167,464 |
| NEW YORK STATE LIBRARY | LM | 2,332,682 | 26,348 | 26,280 | 6,378 | 6,414 | 7,809 | 14,223 |
| SMITHSONIAN INSTITUTION | BG+ | 1,198,400 | 14,066 | 13,014 | 6,422 | 3,755 | 3,252 | 7,007 |

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
G - Government Documents Not Included in Serials Count
B - Includes Branch Campuses
b - Bibliographic Count
U/A - Unavailable
N/A - Not Applicable



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# ARL Library Data Tables 1995-96

## Collections

| Microform Units | Government Documents | Computer Files | Archives and Manus. | Carto-graphic Materials | Graphic Materials | Audio Materials | Video and Film | |
|---|---|---|---|---|---|---|---|---|
| (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (Survey Question 6) |
| | | | | | | | | INSTITUTION |
| 5,149,326 | 2,635,042 | 5,436 | 20,489 | U/A | U/A | U/A | U/A | RUTGERS |
| 2,849,594 | 375,420 | 1,123 | 237 | 68,482 | 59,972 | 11,283 | 1,414 | SASKATCHEWAN |
| 4,281,147 | 787,726 | 2,178 | 6,704 | 307,559 | 250,000 | 29,786 | 8,703 | SOUTH CAROLINA |
| 5,388,965 | 487,581 | 1,811 | 41,147 | U/A | 3,180,553 | 25,281 | 13,150 | SOUTHERN CALIFORNIA |
| 1,912,487 | 418,174 | 2,976 | 16,819 | 298,455 | 20,243 | 24,617 | 9,888 | SOUTHERN ILLINOIS |
| 4,843,443 | 34,549 | 7,646 | U/A | 232,638 | 629,644 | 312,274 | 21,591 | STANFORD |
| 2,814,892 | 0 | 5,430 | 5,353 | 48,335 | 36,560 | 4,714 | 2,171 | SUNY-ALBANY |
| 4,740,453 | U/A | 1,422 | 7,400 | 194,798 | 110,535 | 36,517 | 4,309 | SUNY-BUFFALO |
| 3,768,063 | 240,746 | 1,615 | 4,928 | 117,296 | 8,170 | 29,174 | 6,794 | SUNY-STONY BROOK |
| 3,621,095 | 293,631 | 1,603 | 47,906 | 185,955 | 389,555 | 347,374 | 9,160 | SYRACUSE |
| 2,540,569 | 200,466 | 1,409 | 31,947 | 114,432 | 10,001,650 | 19,950 | 1,001 | TEMPLE |
| 4,356,422 | 6,212 | 1,907 | 7,391 | 323,340 | 143,453 | 26,938 | 6,931 | TENNESSEE |
| 5,295,504 | 0 | 2,840 | 88,875 | 328,207 | 7,791,817 | 106,316 | 12,734 | TEXAS |
| 4,618,364 | 65,519 | 6,764 | 39,151 | 138,867 | 39,662 | 7,099 | 11,818 | TEXAS A&M |
| 3,579,762 | U/A | 821 | U/A | 262,297 | 320,720 | 169,003 | 11,806 | TORONTO |
| 2,406,856 | 479,608 | 994 | 1,352 | 5,460 | 181,714 | 80,307 | 2,258 | TULANE |
| 3,344,499 | 765,759 | 2,462 | 17,460 | 190,828 | 589,042 | 36,333 | 14,826 | UTAH |
| 2,656,637 | 228,477 | 3,182 | 7,144 | 102,849 | 14,773 | 22,707 | 4,099 | VANDERBILT |
| 4,569,358 | 795,366 | 3,768 | 18,188 | 142,454 | 419,346 | 49,479 | 17,063 | VIRGINIA |
| 5,962,080 | 399,525 | 4,440 | 4,750 | 128,658 | 64,220 | 8,210 | 7,682 | VPI & SU |
| 6,432,950 | U/A | 6,243 | 35,152 | 324,436 | 872,433 | 64,773 | 9,628 | WASHINGTON |
| 3,072,829 | U/A | U/A | 15,010 | 716 | 268,950 | 8,148 | 24,239 | WASHINGTON U.-ST. LOUIS |
| 2,589,952 | 4,000 | 2,207 | 7,851 | 108,135 | 3,296 | 26,954 | 5,444 | WATERLOO |
| 1,389,614 | U/A | 102 | 2,666 | 139,361 | U/A | 1,357 | U/A | WAYNE STATE |
| 3,417,154 | 380,910 | 1,378 | 68,000 | 52,766 | 1,600,051 | 36,561 | 16,826 | WESTERN ONTARIO |
| 3,314,155 | 0 | 986 | 9,612 | 2,052 | 52,835 | 40,338 | 2,412 | WISCONSIN |
| 4,392,043 | 271,091 | 5,284 | 3,249 | 243,699 | 27,223 | 196,200 | 16,221 | YALE |
| 5,240,110 | 1,069,431 | U/A | 51,559 | 435,107 | 2,214,806 | 182,263 | 3,992 | YORK |
| 3,396,693 | 0 | 698 | 6,293 | 108,040 | 8,628 | 39,857 | 5,699 | |
| 5,664,252 | 1,558,824 | 1,400 | U/A | U/A | U/A | 47,214 | 22,674 | BOSTON PUBLIC LIBRARY |
| U/A | U/A | U/A | 0 | 0 | 0 | 0 | 0 | CANADA INST. FOR SCITECH. |
| 1,520,952 | 0 | 1 | 0 | U/A | U/A | U/A | U/A | CENTER FOR RESEARCH LIBS. |
| 11,339,461 | 0 | 30,503 | 50,000 | 4,408,464 | 14,188,865 | 2,298,982 | 742,699 | LIBRARY OF CONGRESS |
| 1,229,594 | 355,000 | 216 | N/A | 75,600 | N/A | 20 | 8 | LINDA HALL LIBRARY |
| 1,048,992 | 0 | 638 | 18,264 | 1,283 | 1,065 | 412 | 2,645 | NATL. AGRICULTURAL LIB. |
| 5,769,774 | 3,051,444 | 108 | 5,212 | U/A | 80,749 | 177,799 | 2,254 | NATL. LIBRARY OF CANADA |
| 431,306 | 0 | 857 | U/A | U/A | 56,601 | U/A | 60,723 | NATL. LIBRARY OF MEDICINE |
| 4,737,029 | 8,550 | U/A | 28,854 | 416,277 | 4,139,789 | 530,949 | 43,077 | NEW YORK PUBLIC LIBRARY |
| 6,210,042 | U/A | 1,936 | 26,000 | 210,000 | 60,000 | U/A | U/A | NEW YORK STATE LIBRARY |
| U/A | U/A | U/A | U/A | U/A | U/A | U/A | U/A | SMITHSONIAN INSTITUTION |

U/A - Unavailable N/A - Not Applicable



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# ARL Library Data Tables 1995-96

## Summary Data: Collections

| | Volumes in Library | Volumes Added (Gross) | Volumes Added (Net) | Mono-graphs Purchased (Volumes) | Current Serials Purchased (Subs.) | Current Serials Not Purchased | Current Serials Total |
|---|---|---|---|---|---|---|---|
| (Survey Question #) | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| **UNIVERSITY LIBRARIES:** | | | | | | | |
| Median | 2,575,825 | 67,984 | 63,304 | 29,568 | 14,996 | 5,750 | 21,107 |
| High | 13,369,855 | 276,677 | 207,466 | 149,279 | 40,263 | 34,382 | 97,568 |
| Low | 1,656,039 | 20,660 | 15,163 | 9,471 | 6,159 | 158 | 9,591 |
| Totals | 366,812,983 | 9,240,669 | 7,923,310 | 3,216,016 | 1,313,773 | 603,662 | 2,999,951 |
| Number of Libraries Responding | 109 | 109 | 109 | 91 | 81 | 81 | 109 |
| **NONUNIVERSITY LIBRARIES:** | | | | | | | |
| Median | 3,113,020 | 34,006 | 37,553 | 7,113 | 6,414 | 7,809 | 25,653 |
| Totals | 63,482,206 | 872,078 | 822,855 | 401,729 | 65,874 | 204,712 | 482,123 |
| Number of Libraries Responding | 11 | 10 | 11 | 10 | 7 | 7 | 10 |
| **GRAND TOTALS:** | 430,295,189 | 10,112,747 | 8,746,165 | 3,617,745 | 1,379,647 | 808,374 | 3,482,074 |

# ARL Library Data Tables 1995-96

## Summary Data: Collections

| Microform Units | Government Documents | Computer Files | Archives and Manus. | Carto-graphic Materials | Graphic Materials | Audio Materials | Video and Film | |
|---|---|---|---|---|---|---|---|---|
| (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (Survey Question #) |
| | | | | | | | | **UNIVERSITY LIBRARIES:** |
| 3,585,880 | 319,421 | 2,441 | 11,007 | 176,810 | 181,714 | 30,016 | 7,041 | Median |
| 7,953,568 | 2,910,143 | 11,762 | 208,756 | 3,546,470 | 10,001,650 | 347,374 | 121,070 | High |
| 1,167,194 | 0 | 102 | 0 | 78 | 0 | 365 | 0 | Low |
| 408,911,218 | 44,296,700 | 282,914 | 1,910,957 | 26,051,511 | 59,388,815 | 4,952,003 | 1,055,930 | Totals |
| 109 | 97 | 101 | 102 | 104 | 99 | 102 | 99 | Number of Libraries Responding |
| | | | | | | | | **NONUNIVERSITY LIBRARIES:** |
| 4,737,029 | 4,275 | 748 | 18,264 | 142,800 | 60,000 | 47,214 | 12,660 | Median |
| 37,951,402 | 4,973,818 | 35,659 | 128,330 | 5,111,624 | 18,527,069 | 3,055,376 | 674,080 | Totals |
| 9 | 8 | 8 | 7 | 6 | 7 | 7 | 8 | Number of Libraries Responding |
| 446,862,620 | 49,270,518 | 318,573 | 2,039,287 | 31,163,135 | 77,915,884 | 8,007,379 | 1,929,910 | **GRAND TOTALS:** |

# ARL Library Data Tables 1995-96

## Expenditures

| Survey Question # | | Monographs (16) | Current Serials (17) | Other Library Materials (18) | Misc. Materials (19) | Total Library Materials (20) | Contract Binding (21) |
|---|---|---|---|---|---|---|---|
| INSTITUTION | Notes | | | | | | |
| ALABAMA | LM+ | 767,082 | 2,334,678 | 26,601 | 30,142 | 3,158,503 | 236,696 |
| ALBERTA | BLM+ | 2,581,632 | 4,188,173 | U/A | 190,123 | 6,959,927 | 108,709 |
| ARIZONA | bLM+ | 2,075,566 | 3,938,177 | 829,006 | 441,411 | 7,284,160 | 265,011 |
| ARIZONA STATE | BL+ | 2,569,212 | 4,029,942 | 189,853 | 183,098 | 6,972,105 | 196,790 |
| AUBURN | + | 1,063,712 | 2,300,173 | 54,715 | 15,525 | 3,434,125 | 102,571 |
| BOSTON | LM+ | 720,008 | 3,043,404 | 432,145 | 20,830 | 4,216,387 | 191,674 |
| BRIGHAM YOUNG | + | 2,004,248 | 2,469,518 | 151,584 | 0 | 4,625,350 | 193,559 |
| BRITISH COLUMBIA | LM+ | 1,577,302 | 4,867,009 | U/A | 560,084 | 7,004,396 | 149,486 |
| BROWN | + | 1,593,226 | 2,572,912 | U/A | 90,000 | 4,256,138 | 209,730 |
| CALIFORNIA, BERKELEY | L+ | 4,286,731 | 5,698,927 | U/A | U/A | 9,985,658 | 764,589 |
| CALIFORNIA, DAVIS | bLM+ | 2,340,876 | 3,566,732 | 91,004 | 324,834 | 6,323,446 | 295,450 |
| CALIFORNIA, IRVINE | M+ | 1,123,578 | 3,145,945 | 25,997 | 100,000 | 4,395,520 | 193,724 |
| CALIFORNIA, LOS ANGELES | LM+ | 4,398,432 | 4,570,964 | 192,485 | 340,219 | 9,502,100 | 593,182 |
| CALIFORNIA, RIVERSIDE | + | 1,176,402 | 1,885,558 | 178,530 | 9,336 | 3,249,826 | 184,375 |
| CALIFORNIA, SAN DIEGO | M+ | 1,720,588 | 3,672,321 | 264,722 | 60,860 | 5,718,491 | 311,480 |
| CALIFORNIA, SANTA BARBARA | + | 1,249,570 | 2,142,210 | U/A | U/A | 3,391,780 | 168,037 |
| CASE WESTERN RESERVE | LM+ | 658,107 | 3,328,195 | 18,372 | 8,052 | 4,012,726 | 97,030 |
| CHICAGO | bLM+ | 3,478,010 | 4,210,404 | 66,562 | 0 | 7,754,976 | 393,118 |
| CINCINNATI | LM+ | 1,430,040 | 3,635,683 | 118,862 | 147,298 | 5,331,883 | 128,518 |
| COLORADO | L+ | 1,937,682 | 4,129,536 | 914,722 | 582,325 | 7,564,265 | 192,130 |
| COLORADO STATE | + | 1,116,096 | 2,547,536 | 29,924 | 335,967 | 4,029,523 | 160,000 |
| COLUMBIA | LM+ | 3,613,452 | 6,017,383 | U/A | 0 | 9,630,835 | 712,758 |
| CONNECTICUT | BGLM+ | 660,693 | 3,522,638 | 476,898 | 103,110 | 4,763,339 | 302,060 |
| CORNELL | BL+ | 3,144,674 | 4,989,490 | 827,663 | 198,002 | 9,159,829 | 188,776 |
| DARTMOUTH | M+ | 1,343,680 | 2,655,370 | 337,631 | 0 | 4,336,681 | 208,201 |
| DELAWARE | G+ | 1,923,623 | 2,860,075 | U/A | 0 | 4,783,698 | 115,404 |
| DUKE | GLM+ | 2,774,272 | 4,873,710 | 338,310 | 37,224 | 8,023,516 | 246,362 |
| EMORY | BLM+ | 2,725,579 | 3,749,567 | 199,326 | 423,250 | 7,097,722 | 187,291 |
| FLORIDA | LM+ | 1,420,657 | 3,852,794 | 577,966 | 615,587 | 6,467,004 | 227,975 |
| FLORIDA STATE | BGL+ | 1,113,724 | 3,095,972 | 2,093 | 173,413 | 4,385,202 | 219,425 |
| GEORGETOWN | GLM+ | 1,647,707 | 3,744,791 | 367,163 | 84,722 | 5,844,383 | 220,494 |
| GEORGIA | L | 2,221,191 | 3,981,172 | 470,868 | 62,373 | 6,735,604 | 263,516 |
| GEORGIA TECH | + | 776,973 | 2,545,641 | 180,057 | 0 | 3,502,671 | 87,937 |
| GUELPH | b+ | 601,001 | 1,611,864 | U/A | 64,652 | 2,277,516 | 74,842 |
| HARVARD | LM+ | 6,735,483 | 6,926,565 | 2,152,506 | 21,356 | 15,835,910 | 952,411 |
| HAWAII | - | 249,168 | 2,622,242 | 170,162 | 0 | 3,041,572 | 173,552 |
| HOUSTON | GL+ | 1,003,623 | 2,653,159 | 257,184 | 188,104 | 4,102,070 | 106,917 |
| HOWARD | GLM+ | 478,084 | 2,375,327 | 135,522 | 742,433 | 3,731,366 | 81,794 |
| ILLINOIS, CHICAGO | M+ | 1,240,417 | 3,955,649 | 52,917 | 0 | 5,248,983 | 132,339 |
| ILLINOIS, URBANA | L+ | 2,446,576 | 4,671,760 | 75,992 | 594,205 | 7,788,533 - | 327,705 |

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
G - Government Documents Not Included in Serials Count
B - Includes Branch Campuses
b - Bibliographic Count
U/A - Unavailable
N/A - Not Applicable



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# ARL Library Data Tables 1995-96

## Expenditures

| Salaries & Wages Professional Staff | Salaries & Wages Support Staff | Salaries & Wages Student Assistants | Total Salaries & Wages | Other Operating Expenditures | Total Library Expenditures | |
|---|---|---|---|---|---|---|
| (22) | (23) | (24) | (25) | (26) | (27) | (Survey Question #) |
| | | | | | | INSTITUTION |
| 2,043,233 | 1,373,249 | 492,140 | 3,908,622 | 1,235,313 | 8,539,134 | ALABAMA |
| 3,046,404 | 4,887,643 | 477,102 | 8,411,149 | 2,143,093 | 17,622,878 | ALBERTA |
| 3,731,664 | 3,485,339 | 881,852 | 8,098,855 | 3,104,861 | 18,752,887 | ARIZONA |
| 3,827,190 | 3,950,708 | 758,363 | 8,536,261 | 3,450,124 | 19,155,280 | ARIZONA STATE |
| 1,970,636 | 1,340,283 | 304,927 | 3,615,846 | 1,119,812 | 8,272,354 | AUBURN |
| 2,700,171 | 2,848,154 | 405,715 | 5,954,040 | 1,976,105 | 12,338,206 | BOSTON |
| 3,967,029 | 995,637 | 1,510,560 | 6,473,226 | 1,693,546 | 12,985,681 | BRIGHAM YOUNG |
| 4,281,466 | 5,218,915 | 1,031,484 | 10,531,865 | 2,366,921 | 20,052,667 | BRITISH COLUMBIA |
| 3,245,069 | 2,457,994 | 387,329 | 6,090,392 | 2,758,496 | 13,314,756 | BROWN |
| U/A | U/A | U/A | 19,015,914 | 4,527,273 | 34,293,434 | CALIFORNIA, BERKELEY |
| 3,021,792 | 4,792,095 | 631,273 | 8,445,160 | 1,091,604 | 16,155,660 | CALIFORNIA, DAVIS |
| 3,058,294 | 3,350,387 | 1,075,254 | 7,483,935 | 1,797,199 | 13,870,378 | CALIFORNIA, IRVINE |
| 5,683,604 | 10,118,148 | 2,778,408 | 18,580,160 | 8,709,495 | 37,384,937 | CALIFORNIA, LOS ANGELES |
| 1,747,330 | 1,885,160 | 575,606 | 4,208,096 | 658,342 | 8,300,639 | CALIFORNIA, RIVERSIDE |
| 3,494,382 | 4,746,028 | 1,182,054 | 9,422,464 | 2,413,160 | 17,865,595 | CALIFORNIA, SAN DIEGO |
| 2,605,077 | 3,778,187 | 812,782 | 7,196,046 | 1,736,729 | 12,492,592 | CALIFORNIA, SANTA BARBARA |
| 2,624,934 | 1,561,012 | 396,380 | 4,582,326 | 1,130,371 | 9,822,453 | CASE WESTERN RESERVE |
| 3,249,995 | 4,726,323 | 1,077,840 | 9,054,158 | 3,704,724 | 20,906,976 | CHICAGO |
| 2,604,551 | 3,122,144 | 745,711 | 6,472,406 | 1,684,045 | 13,616,852 | CINCINNATI |
| 2,405,998 | 3,482,436 | 772,984 | 6,661,418 | 1,158,968 | 15,576,781 | COLORADO |
| 1,486,273 | 1,868,807 | 613,265 | 3,968,345 | 1,388,244 | 9,546,112 | COLORADO STATE |
| 7,734,655 | 6,264,204 | 1,283,681 | 15,282,540 | 3,291,050 | 28,917,183 | COLUMBIA |
| 3,540,068 | 3,715,535 | 775,193 | 8,030,796 | 2,586,089 | 15,682,284 | CONNECTICUT |
| 7,112,097 | 5,144,438 | 1,285,140 | 13,541,675 | 4,712,754 | 27,603,034 | CORNELL |
| 2,157,774 | 2,440,732 | 332,251 | 4,930,757 | 1,516,101 | 10,991,740 | DARTMOUTH |
| 2,273,417 | 2,363,320 | 405,486 | 5,042,223 | 1,210,539 | 11,151,864 | DELAWARE |
| 4,792,442 | 3,917,636 | 558,360 | 9,268,438 | 4,204,340 | 21,742,656 | DUKE |
| 3,383,993 | 3,201,530 | 673,282 | 7,258,805 | 3,622,076 | 18,165,894 | EMORY |
| 3,934,940 | 3,732,470 | 721,668 | 8,389,078 | 1,756,541 | 16,840,598 | FLORIDA |
| 1,942,467 | 1,821,764 | 471,795 | 4,236,026 | 788,583 | 9,629,236 | FLORIDA STATE |
| 3,589,891 | 3,483,925 | 628,393 | 7,702,209 | 2,368,610 | 16,135,696 | GEORGETOWN |
| 3,144,556 | 3,574,761 | 743,990 | 7,463,307 | 1,662,876 | 16,125,303 | GEORGIA |
| 1,939,329 | 1,124,823 | 65,653 | 3,129,805 | 1,016,553 | 7,736,966 | GEORGIA TECH |
| 1,096,956 | 2,359,383 | 109,326 | 3,565,665 | 729,271 | 6,647,294 | GUELPH |
| 19,070,961 | 14,766,623 | 1,223,873 | 35,061,457 | 15,421,479 | 67,271,257 | HARVARD |
| 2,622,040 | 2,424,005 | 901,951 | 5,947,996 | 883,667 | 10,046,787 | HAWAII |
| 1,914,777 | 1,377,360 | 814,151 | 4,106,288 | 2,170,151 | 10,485,426 | HOUSTON |
| 2,002,081 | 2,064,971 | 199,502 | 4,266,554 | 1,175,102 | 9,254,816 | HOWARD |
| 3,165,921 | 3,489,128 | 441,314 | 7,096,363 | 1,608,213 | 14,085,898 | ILLINOIS, CHICAGO |
| 6,087,730 | 5,336,830 | 1,130,968 | 12,555,528 | 3,263,017 | 23,934,783 | ILLINOIS, URBANA |

U/A - Unavailable N/A - Not Applicable



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# ARL Library Data Tables 1995-96

## Expenditures

| | | Monographs | Current Serials | Other Library Materials | Misc. Materials | Total Library Materials | Contract Binding |
|---|---|---|---|---|---|---|---|
| Survey Question #) | | (16) | (17) | (18) | (19) | (20) | (21) |
| INSTITUTION | Notes | | | | | | |
| INDIANA | L+ | 2,537,587 | 3,795,162 | 1,228,476 | 416,686 | 7,977,911 | 324,296 |
| IOWA | LM+ | 1,915,660 | 3,393,307 | 807,484 | 229,032 | 6,345,483 | 191,621 |
| IOWA STATE | + | 1,311,117 | 3,298,860 | 227,423 | 204,711 | 5,042,111 | 162,895 |
| JOHNS HOPKINS | BM+ | 2,035,885 | 3,742,248 | 1,569,580 | 307,703 | 7,655,416 | 135,535 |
| KANSAS | BLM+ | 1,724,828 | 3,250,221 | 73,333 | 207,965 | 5,256,347 | 195,963 |
| KENT STATE | B+ | 782,758 | 1,957,190 | 85,053 | 39,560 | 2,864,561 | 127,770 |
| KENTUCKY | LM+ | 888,816 | 3,571,754 | 66,890 | 364,585 | 4,892,045 | 151,199 |
| LAVAL | LM+ | 901,354 | 3,416,727 | 329,680 | 23,669 | 4,671,430 | 17,153 |
| LOUISIANA STATE | L+ | 852,706 | 2,505,673 | U/A | U/A | 3,358,379 | 98,973 |
| MCGILL | bLM+ | 1,530,766 | 2,674,094 | 401,491 | 217,229 | 4,823,580 | 195,416 |
| MCMASTER | M+ | 779,400 | 2,741,314 | 24,077 | 17,109 | 3,561,900 | 80,912 |
| MANITOBA | GLM+ | 696,883 | 1,827,275 | U/A | 50,910 | 2,575,068 | 101,376 |
| MARYLAND | - | 1,922,149 | 3,154,953 | 222,856 | 33,392 | 5,333,350 | 186,195 |
| MASSACHUSETTS | + | 1,185,661 | 2,682,027 | 240,405 | 0 | 4,108,093 | 123,006 |
| MIT | + | 769,102 | 2,686,360 | U/A | 182,143 | 3,637,605 | 182,938 |
| MIAMI | LM+ | 1,043,452 | 4,023,185 | 176,864 | 114,271 | 5,357,772 | 135,803 |
| MICHIGAN | LM+ | 4,352,773 | 7,429,048 | 129,633 | 660,761 | 12,572,215 | 335,466 |
| MICHIGAN STATE | + | 1,740,983 | 3,676,208 | U/A | 114,264 | 5,531,455 | 281,710 |
| MINNESOTA | bLM+ | 2,353,557 | 5,532,887 | 760,229 | 143,111 | 8,789,784 | 411,360 |
| MISSOURI | LM+ | 1,769,499 | 3,356,983 | U/A | U/A | 5,126,482 | 130,184 |
| NEBRASKA | L+ | 905,579 | 3,778,191 | 206,296 | 36,484 | 4,926,550 | 165,388 |
| NEW MEXICO | bLM+ | 1,383,344 | 2,889,660 | 200,739 | 89,929 | 4,563,672 | 179,925 |
| NEW YORK | LM+ | 2,800,572 | 3,996,291 | 410,546 | 68,812 | 7,276,221 | 638,931 |
| NORTH CAROLINA | LM+ | 2,487,381 | 4,633,027 | 1,070,109 | 423,819 | 8,614,336 | 267,894 |
| NORTH CAROLINA STATE | - | 1,737,901 | 2,703,947 | 1,017,555 | 221,845 | 5,681,248 | 118,981 |
| NORTHWESTERN | LM+ | 1,882,871 | 3,801,325 | 261,800 | 525,395 | 6,471,391 | 185,313 |
| NOTRE DAME | L+ | 1,921,252 | 2,740,978 | 539,237 | 817,274 | 6,018,741 | 130,697 |
| OHIO | BM+ | 1,050,229 | 2,479,478 | 60,564 | 45,931 | 3,636,202 | 87,043 |
| OHIO STATE | bLM+ | 2,477,200 | 5,423,126 | U/A | U/A | 7,900,326 | 246,311 |
| OKLAHOMA | LM+ | 690,324 | 3,144,795 | 101,237 | 181,893 | 4,118,249 | 97,004 |
| OKLAHOMA STATE | BM+ | 686,219 | 2,695,379 | 76,026 | 30,743 | 3,488,367 | 106,888 |
| OREGON | L+ | 1,373,363 | 2,891,599 | U/A | 583,305 | 4,848,267 | 141,299 |
| PENNSYLVANIA | LM+ | 2,708,593 | 4,273,724 | 1,032,759 | 0 | 8,015,076 | 297,781 |
| PENNSYLVANIA STATE | B+ | 2,610,151 | 4,614,866 | 820,619 | 0 | 8,045,636 | 476,401 |
| PITTSBURGH | BLM+ | 2,287,475 | 4,358,926 | 391,255 | 472,511 | 7,510,167 | 321,010 |
| PRINCETON | - | 4,478,534 | 3,652,629 | U/A | 1,651,050 | 9,782,213 | 534,987 |
| PURDUE | bG+ | 956,311 | 3,927,457 | U/A | 0 | 4,883,768 | 109,594 |
| QUEEN'S | bGLM+ | 1,060,851 | 2,790,118 | 29,334 | 0 | 3,880,303 | 109,594 |
| RICE | b+ | 1,722,081 | 2,451,168 | 390,582 | 146,720 | 4,710,551 | 55,300 |
| ROCHESTER | M+ | 1,053,683 | 2,800,553 | 93,304 | 205,672 | 4,153,212 | 93,865 |

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
G - Government Documents Not Included in Serials Count
B - Includes Branch Campuses
b - Bibliographic Count
U/A - Unavailable
N/A - Not Applicable



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# ARL Library Data Tables 1995-96

## Expenditures

| Salaries & Wages Professional Staff | Salaries & Wages Support Staff | Salaries & Wages Student Assistants | Total Salaries & Wages | Other Operating Expenditures | Total Library Expenditures | |
|---|---|---|---|---|---|---|
| (22) | (23) | (24) | (25) | (26) | (27) | (Survey Question #) |
| | | | | | | INSTITUTION |
| 5,403,503 | 3,955,449 | 1,631,695 | 10,990,647 | 3,672,269 | 22,965,123 | INDIANA |
| 4,313,079 | 3,111,882 | 868,611 | 8,293,572 | 2,592,852 | 17,423,528 | IOWA |
| 2,194,791 | 3,101,048 | 511,305 | 5,807,144 | 2,405,734 | 13,417,884 | IOWA STATE |
| 3,445,561 | 4,119,214 | 512,810 | 8,077,585 | 3,475,450 | 19,343,986 | JOHNS HOPKINS |
| 3,250,469 | 2,516,851 | 916,836 | 6,684,156 | 2,504,230 | 14,640,696 | KANSAS |
| 2,194,949 | 2,297,127 | 560,159 | 5,052,235 | 1,668,191 | 9,712,757 | KENT STATE |
| 3,851,176 | 2,093,350 | 1,263,493 | 7,208,019 | 2,830,243 | 15,081,506 | KENTUCKY |
| 2,879,662 | 3,978,383 | 81,916 | 6,939,961 | 653,332 | 12,281,877 | LAVAL |
| 1,923,326 | 1,914,235 | 542,236 | 4,379,797 | 922,856 | 8,760,005 | LOUISIANA STATE |
| 3,294,793 | 3,937,151 | 414,480 | 7,646,423 | 817,311 | 13,482,730 | MCGILL |
| 1,476,962 | 2,930,505 | 219,025 | 4,626,493 | 445,760 | 8,725,063 | MCMASTER |
| 2,074,716 | 2,913,491 | 428,510 | 5,416,716 | 834,092 | 8,927,252 | MANITOBA |
| 3,717,490 | 3,140,170 | 998,997 | 7,856,657 | 2,343,461 | 15,719,663 | MARYLAND |
| 2,634,196 | 2,316,383 | 672,044 | 5,622,623 | 916,027 | 10,769,749 | MASSACHUSETTS |
| 3,061,586 | 2,787,107 | 319,601 | 6,168,294 | 1,565,277 | 11,554,114 | MIT |
| 2,765,906 | 2,500,039 | 530,039 | 5,795,984 | 2,091,314 | 13,380,873 | MIAMI |
| 9,478,477 | 3,434,369 | 1,647,071 | 14,559,917 | 5,634,231 | 33,101,829 | MICHIGAN |
| 2,432,726 | 3,285,178 | 1,480,137 | 7,198,041 | 2,018,360 | 15,029,566 | MICHIGAN STATE |
| 4,799,186 | 5,579,005 | 2,285,190 | 12,663,381 | 4,831,491 | 26,696,016 | MINNESOTA |
| 2,232,290 | 2,160,934 | 484,676 | 4,877,900 | 2,333,895 | 12,468,461 | MISSOURI |
| 2,135,195 | 2,176,586 | 461,442 | 4,773,223 | 1,020,652 | 10,885,813 | NEBRASKA |
| 3,390,736 | 3,924,776 | 1,274,910 | 8,590,422 | 3,486,213 | 16,820,232 | NEW MEXICO |
| 5,808,105 | 4,815,597 | 1,281,991 | 11,905,693 | 3,026,657 | 22,847,502 | NEW YORK |
| 5,036,395 | 4,465,310 | 753,729 | 10,255,434 | 2,893,266 | 22,030,930 | NORTH CAROLINA |
| 2,427,643 | 2,400,536 | 623,514 | 5,451,693 | 2,276,253 | 13,528,175 | NORTH CAROLINA STATE |
| 4,429,793 | 3,088,884 | 893,161 | 8,411,838 | 2,203,757 | 17,272,299 | NORTHWESTERN |
| 2,196,243 | 2,845,131 | 368,258 | 5,409,632 | 1,377,130 | 12,936,200 | NOTRE DAME |
| 2,130,007 | 1,813,934 | 427,957 | 4,371,898 | 2,987,083 | 11,082,226 | OHIO |
| 4,436,590 | 4,106,566 | 1,291,296 | 9,834,452 | 2,752,809 | 20,733,898 | OHIO STATE |
| 1,937,507 | 1,175,543 | 552,605 | 3,665,655 | 1,181,132 | 9,062,040 | OKLAHOMA |
| 1,759,938 | 908,651 | 432,838 | 3,101,427 | 1,647,995 | 8,344,677 | OKLAHOMA STATE |
| 2,082,393 | 2,054,527 | 860,579 | 4,997,499 | 1,131,254 | 11,118,319 | OREGON |
| 4,854,007 | 5,125,253 | 944,525 | 10,923,785 | 5,005,224 | 24,241,866 | PENNSYLVANIA |
| 3,944,508 | 8,093,885 | 803,317 | 12,841,710 | 2,675,440 | 24,039,187 | PENNSYLVANIA STATE |
| 3,997,180 | 4,261,131 | 853,068 | 9,111,379 | 2,424,195 | 19,366,751 | PITTSBURGH |
| 6,085,534 | 5,845,177 | 579,927 | 12,510,638 | 2,449,203 | 25,277,041 | PRINCETON |
| 2,496,788 | 2,383,897 | 571,632 | 5,452,317 | 1,497,411 | 11,943,093 | PURDUE |
| 1,611,959 | 3,179,096 | 234,580 | 5,025,636 | 755,404 | 9,770,937 | QUEEN'S |
| 1,527,682 | 1,369,065 | 156,060 | 3,052,807 | 960,066 | 8,778,724 | RICE |
| 2,653,345 | 1,610,806 | 361,594 | 4,625,745 | 1,288,315 | 10,161,137 | ROCHESTER |

U/A - Unavailable N/A - Not Appicable



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# ARL LIBRARY DATA TABLES 1995-96

## EXPENDITURES

| INSTITUTION | Notes | Monographs (16) | Current Serials (17) | Other Library Materials (18) | Misc. Materials (19) | Total Library Materials (20) | Contract Binding (21) |
|---|---|---|---|---|---|---|---|
| RUTGERS | BL+ | 1,639,607 | 3,984,669 | 756,708 | 818,802 | 7,199,786 | 251,279 |
| SASKATCHEWAN | LM+ | 972,246 | 3,091,624 | U/A | 104,755 | 4,168,626 | 64,197 |
| SOUTH CAROLINA | LM+ | 1,444,015 | 2,986,011 | 162,489 | 109,263 | 4,701,778 | 188,556 |
| SOUTHERN CALIFORNIA | bBLM+ | 1,972,213 | 4,571,562 | 414,720 | 0 | 6,958,495 | 249,427 |
| SOUTHERN ILLINOIS | GL+ | 706,481 | 3,206,095 | 159,421 | 712,992 | 4,784,989 | 178,037 |
| STANFORD | GLM+ | 7,336,415 | 6,251,297 | U/A | U/A | 13,587,712 | 594,828 |
| SUNY-ALBANY | B+ | 795,480 | 1,987,666 | 201,674 | 190,318 | 3,175,138 | 79,848 |
| SUNY-BUFFALO | GLM+ | 1,024,859 | 3,021,069 | 415,628 | 191,790 | 4,653,346 | 149,123 |
| SUNY-STONY BROOK | M+ | 699,390 | 2,686,717 | 160,046 | 355,552 | 3,901,705 | 84,000 |
| SYRACUSE | bBL+ | 685,086 | 2,471,841 | 139,819 | 244,708 | 3,541,454 | 85,504 |
| TEMPLE | BLM+ | 1,132,154 | 3,384,928 | 138,816 | 53,500 | 4,709,398 | 158,508 |
| TENNESSEE | L+ | 1,273,088 | 3,563,793 | 82,690 | 55,782 | 4,975,353 | 129,584 |
| TEXAS | L+ | 2,265,511 | 3,996,248 | 827,914 | 38,942 | 7,128,615 | 183,034 |
| TEXAS A&M | bBM+ | 1,826,079 | 3,264,894 | 421,813 | 649,820 | 6,162,606 | 144,086 |
| TORONTO | LM+ | 4,533,608 | 5,529,903 | U/A | U/A | 10,063,511 | 288,923 |
| TULANE | GLM+ | 1,287,055 | 2,502,336 | 189,625 | 364,538 | 4,343,554 | 88,922 |
| UTAH | LM+ | 1,927,772 | 3,616,895 | 20,442 | 60,730 | 5,625,839 | 198,682 |
| VANDERBILT | GLM+ | 1,314,645 | 3,607,899 | 351,292 | 0 | 5,273,836 | 195,037 |
| VIRGINIA | LM+ | 2,733,676 | 3,534,894 | 1,232,984 | 165,932 | 7,667,486 | 322,785 |
| VPI & SU | + | 1,015,318 | 3,185,667 | 528,392 | 458,891 | 5,188,268 | 174,651 |
| WASHINGTON | LM+ | 2,197,434 | 6,930,663 | U/A | U/A | 9,128,097 | 224,885 |
| WASHINGTON STATE | + | 821,364 | 2,687,409 | 41,761 | 29,209 | 3,579,743 | 96,950 |
| WASHINGTON U.-ST. LOUIS | GLM+ | 1,315,720 | 3,882,510 | 171,313 | 978,617 | 6,348,160 | 103,555 |
| WATERLOO | + | 877,793 | 2,172,314 | U/A | 302,745 | 3,352,852 | 62,548 |
| WAYNE STATE | bLM+ | 1,305,299 | 3,304,123 | U/A | 345,398 | 4,954,820 | 122,834 |
| WESTERN ONTARIO | L+ | 1,183,492 | 3,207,713 | U/A | 0 | 4,391,205 | 140,365 |
| WISCONSIN | LM+ | 2,407,929 | 4,695,634 | 937,110 | 0 | 8,040,673 | 196,799 |
| YALE | GLM | 3,544,000 | 5,166,000 | 4,643,000 | U/A | 13,353,000 | 451,000 |
| YORK | BL+ | 1,177,014 | 2,118,706 | 338,786 | 209,417 | 3,843,924 | 150,370 |
| BOSTON PUBLIC LIBRARY | + | 5,522,931 | 938,704 | 296,994 | 0 | 6,758,629 | 54,942 |
| CANADA INST. FOR SCITECH. | B+ | 480,317 | 5,708,060 | 144,862 | 0 | 6,333,239 | 0 |
| CENTER FOR RESEARCH LIBS. | bG+ | 45,523 | 291,616 | 618,909 | 15,694 | 971,742 | 0 |
| LIBRARY OF CONGRESS | L+ | 2,532,554 | 2,348,811 | 1,693,083 | 218,050 | 6,792,498 | 1,538,230 |
| LINDA HALL LIBRARY | + | 190,328 | 1,881,435 | 42,532 | 0 | 2,114,295 | 66,400 |
| NATL. AGRICULTURAL LIB. | b+ | 290,863 | 2,169,640 | U/A | 0 | 2,460,503 | 64,258 |
| NATL. LIBRARY OF CANADA | + | 470,933 | 507,653 | 600,890 | 43,414 | 1,622,890 | 99,398 |
| NATL. LIBRARY OF MEDICINE | M+ | 922,321 | 3,949,431 | 190,319 | U/A | 5,062,071 | 140,000 |
| NEW YORK PUBLIC LIBRARY | G+ | 4,519,898 | 3,598,680 | 1,419,915 | 0 | 9,538,493 | 428,444 |
| NEW YORK STATE LIBRARY | LM | 417,628 | 1,526,344 | U/A | 0 | 1,943,972 | 39,969 |
| SMITHSONIAN INSTITUTION | BG+ | 309,835 | 900,658 | 75,160 | 154,332 | 1,439,985 | 47,683 |

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
G - Government Documents Not Included in Serials Count
B - Includes Branch Campuses
b - Bibliographic Count
U/A - Unavailable
N/A - Not Applicable

# ARL Library Data Tables 1995-96

## Expenditures

| Salaries & Wages Professional Staff | Salaries & Wages Support Staff | Salaries & Wages Student Assistants | Total Salaries & Wages | Other Operating Expenditures | Total Library Expenditures | |
|---|---|---|---|---|---|---|
| (22) | (23) | (24) | (25) | (26) | (27) | (Survey Question #) |
| | | | | | | INSTITUTION |
| 6,666,698 | 7,262,564 | 1,307,323 | 15,236,585 | 1,806,413 | 24,494,063 | RUTGERS |
| 1,435,688 | 2,355,230 | 149,522 | 3,940,440 | 597,921 | 8,771,183 | SASKATCHEWAN |
| 2,865,557 | 2,382,923 | 565,837 | 5,814,317 | 2,750,420 | 13,455,071 | SOUTH CAROLINA |
| 5,349,348 | 3,666,479 | 1,263,821 | 10,279,648 | 3,073,031 | 20,560,601 | SOUTHERN CALIFORNIA |
| 2,188,737 | 1,867,467 | 850,772 | 4,906,976 | 687,989 | 10,557,991 | SOUTHERN ILLINOIS |
| 9,556,680 | 9,217,493 | 1,859,520 | 20,633,693 | 7,608,201 | 42,424,434 | STANFORD |
| 1,827,784 | 1,694,294 | 435,983 | 3,958,061 | 1,014,566 | 8,227,613 | SUNY-ALBANY |
| 4,114,920 | 2,105,343 | 615,770 | 6,836,033 | 1,944,721 | 13,583,223 | SUNY-BUFFALO |
| 2,444,138 | 2,296,211 | 539,798 | 5,280,147 | 874,437 | 10,140,289 | SUNY-STONY BROOK |
| 2,511,774 | 2,002,093 | 345,261 | 4,859,128 | 1,671,897 | 10,157,983 | SYRACUSE |
| 2,775,206 | 2,074,231 | 462,836 | 5,312,273 | 1,405,945 | 11,586,124 | TEMPLE |
| 2,805,369 | 2,564,248 | 586,374 | 5,955,991 | 1,566,744 | 12,627,672 | TENNESSEE |
| 5,386,843 | 5,958,160 | 1,032,809 | 12,377,812 | 3,118,784 | 22,808,245 | TEXAS |
| 3,211,949 | 2,714,979 | 850,757 | 6,777,685 | 3,330,173 | 16,414,550 | TEXAS A&M |
| 6,949,182 | 10,124,837 | 1,615,119 | 18,689,138 | 1,545,661 | 30,587,234 | TORONTO |
| 2,010,692 | 1,672,567 | 438,612 | 4,121,871 | 1,004,658 | 9,559,005 | TULANE |
| 2,629,427 | 2,965,571 | 885,274 | 6,480,272 | 2,672,761 | 14,977,554 | UTAH |
| 3,193,188 | 2,760,586 | 352,925 | 6,306,699 | 2,512,408 | 14,287,980 | VANDERBILT |
| 4,092,961 | 4,194,882 | 787,548 | 9,075,391 | 2,828,034 | 19,893,696 | VIRGINIA |
| 1,537,786 | 1,999,896 | 475,087 | 4,012,769 | 1,605,782 | 10,981,470 | VPI & SU |
| 5,810,937 | 5,754,047 | 1,680,363 | 13,245,347 | 2,052,632 | 24,650,961 | WASHINGTON |
| 1,517,030 | 2,543,953 | 504,301 | 4,565,284 | 1,326,524 | 9,568,501 | WASHINGTON STATE |
| 3,853,494 | 2,737,870 | 493,058 | 7,084,422 | 2,788,501 | 16,324,638 | WASHINGTON U.-ST. LOUIS |
| 1,712,542 | 2,839,290 | 279,321 | 4,831,153 | 621,277 | 8,867,830 | WATERLOO |
| 3,208,425 | 2,495,943 | 962,255 | 6,666,623 | 2,156,298 | 13,900,575 | WAYNE STATE |
| U/A | U/A | U/A | 6,037,334 | 1,433,496 | 12,002,400 | WESTERN ONTARIO |
| 6,729,011 | 5,946,270 | 1,849,165 | 14,524,446 | 5,241,325 | 28,003,243 | WISCONSIN |
| 9,073,000 | 6,991,600 | 909,400 | 16,974,000 | 7,171,600 | 37,949,600 | YALE |
| 2,444,608 | 3,137,727 | 630,730 | 6,213,065 | 4,142,962 | 14,350,322 | YORK |
| U/A | U/A | U/A | 18,956,459 | 6,173,993 | 31,944,023 | BOSTON PUBLIC LIBRARY |
| 4,921,167 | 3,047,168 | 0 | 7,968,335 | 8,237,203 | 22,538,777 | CANADA INST. FOR SCITECH. |
| U/A | U/A | U/A | 1,598,320 | 675,118 | 3,245,180 | CENTER FOR RESEARCH LIBS. |
| U/A | U/A | U/A | 206,248,783 | 61,212,956 | 275,792,467 | LIBRARY OF CONGRESS |
| 946,005 | 733,340 | 0 | 1,679,345 | 631,599 | 4,491,639 | LINDA HALL LIBRARY |
| 5,391,040 | 2,254,864 | 79,000 | 7,724,904 | 7,135,456 | 17,385,121 | NATL. AGRICULTURAL LIB. |
| 8,345,820 | 6,371,847 | 158,365 | 14,876,032 | 8,203,754 | 24,802,074 | NATL. LIBRARY OF CANADA |
| 8,828,511 | 2,490,749 | 313,825 | 11,633,085 | 10,653,000 | 27,488,156 | NATL. LIBRARY OF MEDICINE |
| U/A | U/A | 1,265,941 | 21,736,717 | 9,973,358 | 41,677,012 | NEW YORK PUBLIC LIBRARY |
| U/A | U/A | U/A | 6,412,817 | 1,109,536 | 9,506,294 | NEW YORK STATE LIBRARY |
| U/A | U/A | 25,000 | 4,100,330 | 404,403 | 5,992,401 | SMITHSONIAN INSTITUTION |

U/A - Unavailable N/A - Not Applicable



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## ARL Library Data Tables 1995-96

### Summary Data: Expenditures

| | Monographs | Current Serials | Other Library Materials | Misc. Materials | Total Library Materials | Contract Binding |
|---|---|---|---|---|---|---|
| (Survey Question #) | (16) | (17) | (18) | (19) | (20) | (21) |
| **UNIVERSITY LIBRARIES:** | | | | | | |
| Median | 1,430,040 | 3,384,928 | 206,296 | 128,691 | 5,126,482 | 182,938 |
| High | 7,336,415 | 7,429,048 | 4,643,000 | 1,651,050 | 15,835,910 | 952,411 |
| Low | 249,168 | 1,611,864 | 2,093 | 0 | 2,277,516 | 17,153 |
| Totals | 194,772,269 | 386,356,960 | 35,589,222 | 22,018,720 | 638,737,171 | 23,267,915 |
| Number of Libraries Responding | 109 | 109 | 85 | 100 | 109 | 109 |
| **NONUNIVERSITY LIBRARIES:** | | | | | | |
| Median | 470,933 | 1,881,435 | 296,994 | 0 | 2,460,503 | 64,258 |
| Totals | 15,703,131 | 23,821,032 | 5,082,663 | 431,490 | 45,038,317 | 2,479,324 |
| Number of Libraries Responding | 11 | 11 | 9 | 10 | 11 | 11 |
| **GRAND TOTALS:** | 210,475,400 | 410,177,992 | 40,671,885 | 22,450,211 | 683,775,488 | 25,747,239 |

# ARL Library Data Tables 1995-96

## Summary Data: Expenditures

| Salaries & Wages Professional Staff | Salaries & Wages Support Staff | Salaries & Wages Student Assistants | Total Salaries & Wages | Other Operating Expenditures | Total Library Expenditures | |
|---|---|---|---|---|---|---|
| (22) | (23) | (24) | (25) | (26) | (27) | (Survey Question #) |
| | | | | | | **UNIVERSITY LIBRARIES:** |
| 3,046,404 | 2,965,571 | 630,730 | 6,666,623 | 2,018,360 | 13,870,378 | Median |
| 19,070,961 | 14,766,623 | 2,778,408 | 35,061,457 | 15,421,479 | 67,271,257 | High |
| 1,096,956 | 908,651 | 65,653 | 3,052,807 | 445,760 | 6,647,294 | Low |
| 382,570,555 | 374,635,063 | 82,502,360 | 864,761,227 | 261,986,432 | 1,788,752,745 | Totals |
| 107 | 107 | 107 | 109 | 109 | 109 | Number of Libraries Responding |
| | | | | | | **NONUNIVERSITY LIBRARIES:** |
| 5,391,040 | 2,490,749 | 79,000 | 7,968,335 | 7,135,456 | 22,538,777 | Median |
| 28,432,543 | 14,897,969 | 1,842,131 | 302,935,128 | 114,410,376 | 464,863,144 | Totals |
| 5 | 5 | 7 | 11 | 11 | 11 | Number of Libraries Responding |
| 411,003,099 | 389,533,032 | 84,344,491 | 1,167,696,355 | 376,396,809 | 2,253,615,890 | **GRAND TOTALS:** |

# ARL Library Data Tables 1995-96

## Personnel and Public Services

| INSTITUTION | Notes | Professional Staff (FTE) | Support Staff (FTE) | Student Assistants (FTE) | Total Staff (FTE) | Library Presentations to Groups * | Participants in Group Presentations * |
|---|---|---|---|---|---|---|---|
| (Survey Question #) | | (28) | (29) | (30) | (31) | (32) | (33) |
| ALABAMA | LM+ | 56 | 77 | 55 | 188 | 339 | 5,391 |
| ALBERTA | BLM+ | 63 | 218 | 45 | 326 | U/A | U/A |
| ARIZONA | LM+ | 92 | 181 | 94 | 367 | 1,503 | 22,786 |
| ARIZONA STATE | BL+ | 99 | 196 | 66 | 361 | 873 | 13,785 |
| AUBURN | + | 49 | 86 | 42 | 177 | 529 | 11,371 |
| BOSTON | LM+ | 63 | 132 | 58 | 253 | 584 | 5,943 |
| BRIGHAM YOUNG | + | 101 | 53 | 140 | 294 | 2,149 | 28,065 |
| BRITISH COLUMBIA | LM+ | 104 | 240 | 57 | 401 | 1,835 | 16,745 |
| BROWN | + | 80 | 100 | 59 | 239 | 127 | U/A |
| CALIFORNIA, BERKELEY | L+ | 177 | 253 | 226 | 656 | 3,109 | 19,785 |
| CALIFORNIA, DAVIS | LM+ | 53 | 181 | 61 | 295 | 458 | 5,829 |
| CALIFORNIA, IRVINE | M+ | 52 | 117 | 77 | 246 | 844 | 12,322 |
| CALIFORNIA, LOS ANGELES | LM+ | 128 | 310 | 206 | 644 | 2,435 | 14,027 |
| CALIFORNIA, RIVERSIDE | + | 43 | 81 | 50 | 174 | *382* | *4,460* |
| CALIFORNIA, SAN DIEGO | M+ | 72 | 175 | 82 | 329 | 1,726 | 8,371 |
| CALIFORNIA, SANTA BARBARA | + | 50 | 135 | 65 | 250 | U/A | U/A |
| CASE WESTERN RESERVE | LM+ | 67 | 77 | 43 | 187 | 502 | 4,132 |
| CHICAGO | LM+ | 72 | 187 | 75 | 334 | *681* | *6,805* |
| CINCINNATI | LM+ | 76 | 111 | 87 | 274 | 1,223 | 14,335 |
| COLORADO | L+ | 62 | 126 | 66 | 254 | U/A | 18,782 |
| COLORADO STATE | + | 36 | 81 | 60 | 177 | 320 | 4,652 |
| COLUMBIA | LM+ | 177 | 266 | 112 | 555 | 1,037 | 8,449 |
| CONNECTICUT | BLM+ | 67 | 98 | 75 | 240 | 853 | 7,747 |
| CORNELL | BL+ | 130 | 296 | 154 | 580 | 1,269 | 15,403 |
| DARTMOUTH | M+ | 50 | 105 | 28 | 183 | U/A | U/A |
| DELAWARE | + | 54 | 113 | 56 | 223 | 323 | 8,804 |
| DUKE | LM+ | 104 | 173 | 51 | 328 | 1,330 | 9,735 |
| EMORY | BLM+ | 82 | 149 | 50 | 281 | 316 | 3,700 |
| FLORIDA | LM+ | 108 | 204 | 78 | 390 | 600 | 9,929 |
| FLORIDA STATE | BL+ | 56 | 124 | 60 | 240 | 494 | 6,224 |
| GEORGETOWN | LM+ | 80 | 122 | 58 | 260 | 817 | 8,662 |
| GEORGIA | L | 85 | 194 | 85 | 364 | 405 | 6,437 |
| GEORGIA TECH | + | 50 | 61 | 6 | 117 | 206 | 4,113 |
| GUELPH | + | 23 | 95 | 9 | 127 | 189 | 3,468 |
| HARVARD | LM+ | 404 | 587 | 134 | 1,125 | U/A | U/A |
| HAWAII | + | 53 | 88 | 66 | 207 | 122 | 2,431 |
| HOUSTON | L+ | 46 | 97 | 72 | 215 | 316 | 7,543 |
| HOWARD | LM+ | 45 | 92 | 12 | 149 | 159 | 3,322 |
| ILLINOIS, CHICAGO | M+ | 80 | 163 | 40 | 283 | 774 | 11,003 |
| ILLINOIS, URBANA | L+ | 160 | 246 | 125 | 531 | 1,196 | 25,129 |

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
B - Includes Branch Campuses
N/A - Not Applicable
U/A - Unavailable
* - Figures in italics are derived from a sampling method rather than an actual annual count.

# ARL Library Data Tables

## Personnel and Public Services

| Reference Transactions * | Initial Circulation Transactions | Total Circulation Transactions | Reserve Circulation Transactions | Total Items Loaned (ILL) | Total Items Borrowed (ILL/DD) | |
|---|---|---|---|---|---|---|
| (34) | (35) | (36) | (37) | (38) | (39) | Survey Question #) |
| | | | | | | INSTITUTION |
| *117,826* | 263,568 | 324,003 | 140,827 | 12,709 | 10,400 | ALABAMA |
| 392,475 | U/A | 1,042,259 | 152,047 | 72,627 | 26,872 | ALBERTA |
| 146,590 | 612,580 | 1,100,987 | 149,588 | 30,790 | 18,141 | ARIZONA |
| 314,883 | 511,229 | 1,040,708 | 160,960 | 22,676 | 20,851 | ARIZONA STATE |
| *134,360* | 401,663 | 455,426 | 46,317 | 23,219 | 5,360 | AUBURN |
| *97,500* | 311,411 | 444,169 | 182,989 | 15,525 | 16,919 | BOSTON |
| *499,490* | 646,693 | 749,321 | 57,136 | 25,670 | 20,883 | BRIGHAM YOUNG |
| 274,544 | U/A | 4,504,292 | 286,915 | 47,685 | 18,150 | BRITISH COLUMBIA |
| 82,180 | 240,123 | 270,299 | 105,032 | 12,988 | 15,484 | BROWN |
| 210,050 | 1,062,175 | 1,267,448 | 170,843 | 56,195 | 20,543 | CALIFORNIA, BERKELEY |
| 192,171 | U/A | 561,987 | 156,864 | 48,946 | 15,278 | CALIFORNIA, DAVIS |
| 137,275 | 323,868 | 498,615 | 88,911 | 24,418 | 26,914 | CALIFORNIA, IRVINE |
| 535,236 | U/A | 2,046,640 | 275,641 | 90,941 | 17,291 | CALIFORNIA, LOS ANGELES |
| 46,616 | U/A | 272,444 | 97,762 | 11,791 | 17,618 | CALIFORNIA, RIVERSIDE |
| 217,461 | 449,321 | 570,919 | 108,623 | 28,131 | 30,239 | CALIFORNIA, SAN DIEGO |
| U/A | 441,371 | 632,925 | 191,554 | 20,256 | 20,751 | CALIFORNIA, SANTA BARBARA |
| 90,305 | 129,790 | 162,621 | 49,044 | 63,693 | 30,424 | CASE WESTERN RESERVE |
| *66,339* | 471,996 | 741,261 | 330,499 | 41,164 | 21,376 | CHICAGO |
| 167,544 | 661,845 | 887,910 | 129,977 | 61,575 | 43,623 | CINCINNATI |
| 202,385 | 592,654 | 834,605 | U/A | 32,700 | 14,177 | COLORADO |
| 165,740 | 340,636 | 519,687 | 97,445 | 29,731 | 22,416 | COLORADO STATE |
| 154,167 | 508,217 | 723,943 | 355,127 | 32,019 | 19,756 | COLUMBIA |
| 81,042 | U/A | 315,548 | 115,385 | 41,206 | 21,308 | CONNECTICUT |
| 195,014 | U/A | 1,158,379 | U/A | 17,045 | 13,591 | CORNELL |
| U/A | 226,720 | 288,594 | 155,587 | 14,473 | 14,773 | DARTMOUTH |
| 214,802 | U/A | 466,246 | 131,556 | 12,880 | 12,756 | DELAWARE |
| 199,148 | 347,580 | 482,940 | 96,618 | 58,656 | 13,831 | DUKE |
| 69,514 | 265,384 | 359,927 | 108,044 | 25,667 | 10,191 | EMORY |
| 250,697 | U/A | 1,684,817 | 178,959 | 44,758 | 12,616 | FLORIDA |
| 279,093 | 376,727 | 461,034 | 100,090 | 38,410 | 13,503 | FLORIDA STATE |
| 141,965 | 257,856 | 373,926 | 135,480 | 13,094 | 10,120 | GEORGETOWN |
| 171,417 | U/A | 520,819 | 118,733 | 32,581 | 9,810 | GEORGIA |
| *130,584* | 82,049 | 276,350 | 61,791 | 12,130 | 3,009 | GEORGIA TECH |
| 66,589 | U/A | 349,120 | 196,332 | 4,538 | 7,805 | GUELPH |
| U/A | U/A | 1,674,061 | U/A | 71,365 | 19,563 | HARVARD |
| 165,768 | 492,503 | 558,501 | 28,252 | 17,643 | 6,049 | HAWAII |
| 241,064 | 256,269 | 354,918 | 56,591 | 27,142 | 18,569 | HOUSTON |
| 101,871 | U/A | 183,494 | U/A | 3,870 | 2,502 | HOWARD |
| 165,012 | 313,457 | 507,772 | 82,170 | 104,117 | 81,478 | ILLINOIS, CHICAGO |
| *444,306* | U/A | 1,570,471 | 392,566 | 62,267 | 53,066 | ILLINOIS, URBANA |

U/A - Unavailable N/A - Not Applicable

* - Figures in italics are derived from a sampling method rather than an actual annual count.



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# ARL Library Data Tables 1995-96

## Personnel and Public Services

| (Survey Question #) | | Professional Staff (FTE) (28) | Support Staff (FTE) (29) | Student Assistants (FTE) (30) | Total Staff (FTE) (31) | Library Presentations to Groups * (32) | Participants in Group Presentations * (33) |
|---|---|---|---|---|---|---|---|
| INSTITUTION | Notes | | | | | | |
| INDIANA | L+ | 137 | 197 | 140 | 474 | 11,050 | 25,125 |
| IOWA | LM+ | 102 | 125 | 82 | 309 | 636 | 9,535 |
| IOWA STATE | + | 52 | 116 | 57 | 225 | 1,067 | 8,050 |
| JOHNS HOPKINS | BM+ | 87 | 181 | 43 | 311 | 861 | 5,995 |
| KANSAS | BLM+ | 88 | 111 | 97 | 296 | U/A | U/A |
| KENT STATE | B+ | 53 | 91 | 80 | 224 | 725 | 12,339 |
| KENTUCKY | LM+ | 100 | 113 | 119 | 332 | 805 | 11,881 |
| LAVAL | LM+ | 67 | 185 | 1 | 253 | 951 | 6,045 |
| LOUISIANA STATE | L+ | 52 | 112 | 58 | 222 | 623 | 11,711 |
| MCGILL | LM+ | 76 | 186 | 50 | 312 | 743 | 9,686 |
| MCMASTER | M+ | 36 | 131 | 19 | 186 | 425 | 4,376 |
| MANITOBA | LM+ | 51 | 128 | 18 | 197 | 742 | 7,534 |
| MARYLAND | + | 85 | 126 | 105 | 316 | 626 | 12,003 |
| MASSACHUSETTS | + | 51 | 89 | 45 | 185 | 362 | 6,107 |
| MIT | + | 83 | 111 | 26 | 220 | 201 | 3,617 |
| MIAMI | LM+ | 71 | 130 | 50 | 251 | 633 | 7,804 |
| MICHIGAN | LM+ | 149 | 299 | 205 | 653 | 1,912 | 13,367 |
| MICHIGAN STATE | + | 64 | 111 | 108 | 283 | 281 | 4,810 |
| MINNESOTA | LM+ | 104 | 192 | 150 | 446 | 668 | 13,450 |
| MISSOURI | LM+ | 59 | 137 | 50 | 246 | 615 | 6,194 |
| NEBRASKA | L+ | 52 | 118 | 46 | 216 | 801 | 10,731 |
| NEW MEXICO | LM+ | 88 | 170 | 101 | 359 | 1,924 | 14,746 |
| NEW YORK | LM+ | 143 | 185 | 142 | 470 | 801 | *14,484* |
| NORTH CAROLINA | LM+ | 120 | 207 | 96 | 423 | 1,190 | 15,704 |
| NORTH CAROLINA STATE | + | 66 | 121 | 67 | 254 | 315 | 4,488 |
| NORTHWESTERN | LM+ | 107 | 135 | 131 | 373 | 765 | 9,126 |
| NOTRE DAME | L+ | 49 | 150 | 28 | 227 | 1,037 | *16,215* |
| OHIO | BM+ | 60 | 77 | 72 | 209 | 895 | 16,119 |
| OHIO STATE | LM+ | 101 | 179 | 140 | 420 | 853 | 32,696 |
| OKLAHOMA | LM+ | 51 | 75 | 55 | 181 | 617 | 9,788 |
| OKLAHOMA STATE | BM+ | 51 | 65 | 64 | 180 | 1,232 | 17,203 |
| OREGON | L+ | 54 | 92 | 74 | 220 | U/A | U/A |
| PENNSYLVANIA | LM+ | 107 | 183 | 89 | 379 | 953 | 10,263 |
| PENNSYLVANIA STATE | B+ | 116 | 331 | 89 | 536 | 2,695 | 41,814 |
| PITTSBURGH | BLM+ | 108 | 210 | 107 | 425 | *1,418* | *22,011* |
| PRINCETON | + | 118 | 206 | 56 | 380 | U/A | U/A |
| PURDUE | + | 65 | 145 | 57 | 267 | 515 | 10,832 |
| QUEEN'S | LM+ | 44 | 137 | 22 | 203 | 712 | 9,365 |
| RICE | + | 44 | 60 | 12 | 116 | 232 | 4,091 |
| ROCHESTER | M+ | 77 | 81 | 52 | 210 | 753 | 5,674 |

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
B - Includes Branch Campuses
N/A - Not Applicable
U/A - Unavailable
* - Figures in italics are derived from a sampling method rather than an actual annual count.

# ARL Library Data Tables

## Personnel and Public Services

| Reference Transactions * | Initial Circulation Transactions | Total Circulation Transactions | Reserve Circulation Transactions | Total Items Loaned (ILL) | Total Items Borrowed (ILL/DD) | |
|---|---|---|---|---|---|---|
| (34) | (35) | (36) | (37) | (38) | (39) | (Survey Question #) |
| | | | | | | INSTITUTION |
| 490,890 | 1,290,089 | 1,336,721 | U/A | 61,005 | 29,086 | INDIANA |
| 102,976 | U/A | 662,375 | 111,955 | 53,947 | 19,991 | IOWA |
| 73,860 | 513,882 | 556,658 | 121,448 | 24,564 | 14,161 | IOWA STATE |
| 117,545 | 255,835 | 587,425 | 215,143 | 23,229 | 20,714 | JOHNS HOPKINS |
| U/A | U/A | 1,357,564 | U/A | 43,601 | 23,546 | KANSAS |
| 111,207 | 270,098 | 349,711 | 83,391 | 18,423 | 26,415 | KENT STATE |
| 230,978 | 323,524 | 377,712 | 177,316 | 31,711 | 21,914 | KENTUCKY |
| 200,964 | 535,072 | 884,708 | 83,800 | 24,515 | 14,134 | LAVAL |
| 182,197 | 365,944 | 468,358 | 104,562 | 15,436 | 14,124 | LOUISIANA STATE |
| 230,802 | 706,785 | 933,625 | 371,584 | 18,440 | 10,331 | MCGILL |
| 78,022 | 380,708 | 464,220 | 382,612 | 20,702 | 14,260 | MCMASTER |
| 81,814 | U/A | 738,354 | U/A | 20,828 | 10,949 | MANITOBA |
| 318,789 | U/A | 766,851 | 215,891 | 26,173 | 13,908 | MARYLAND |
| 134,631 | 319,963 | 415,586 | 171,328 | 16,966 | 9,998 | MASSACHUSETTS |
| 107,121 | 482,906 | 633,078 | 78,669 | 23,073 | 8,823 | MIT |
| 162,433 | 209,397 | 330,310 | 148,262 | 39,507 | 14,325 | MIAMI |
| 293,922 | 658,997 | 961,864 | 197,911 | 61,028 | 26,399 | MICHIGAN |
| U/A | U/A | 574,029 | 102,355 | 27,939 | 14,101 | MICHIGAN STATE |
| 262,756 | 740,567 | 1,020,273 | 262,985 | 246,800 | 15,279 | MINNESOTA |
| 116,937 | U/A | 384,046 | 116,664 | 37,815 | 16,777 | MISSOURI |
| 118,211 | 282,676 | 568,746 | 63,867 | 13,771 | 17,734 | NEBRASKA |
| 206,725 | 476,910 | 688,473 | 278,659 | 28,240 | 22,947 | NEW MEXICO |
| 314,208 | 839,739 | U/A | 172,044 | 20,768 | 21,222 | NEW YORK |
| 274,934 | U/A | 1,666,180 | 158,081 | 46,894 | 9,304 | NORTH CAROLINA |
| 133,424 | 392,581 | 461,860 | 52,270 | 19,771 | 6,966 | NORTH CAROLINA STATE |
| 86,305 | 303,876 | 343,208 | 93,591 | 26,995 | 24,132 | NORTHWESTERN |
| 75,591 | 298,795 | 366,305 | 73,848 | 18,585 | 11,377 | NOTRE DAME |
| 259,882 | U/A | 408,918 | 225,339 | 48,024 | 41,853 | OHIO |
| 868,350 | 509,679 | 1,336,866 | 424,016 | 62,966 | 46,745 | OHIO STATE |
| 155,185 | 155,655 | 245,140 | 93,471 | 31,632 | 30,466 | OKLAHOMA |
| 119,781 | U/A | 332,510 | U/A | 23,403 | 12,702 | OKLAHOMA STATE |
| 46,201 | 374,263 | 456,680 | 152,800 | 25,577 | 12,519 | OREGON |
| 374,480 | 408,566 | 543,599 | 135,033 | 23,293 | 30,775 | PENNSYLVANIA |
| 484,618 | 920,501 | 1,072,229 | 321,521 | 39,892 | 18,239 | PENNSYLVANIA STATE |
| 434,133 | 449,110 | 581,459 | 242,157 | 39,481 | 14,280 | PITTSBURGH |
| U/A | U/A | U/A | U/A | 17,578 | 9,639 | PRINCETON |
| 174,739 | 337,551 | 523,352 | 385,184 | 26,173 | 16,231 | PURDUE |
| 94,817 | 429,244 | 535,082 | 276,643 | 8,602 | 12,728 | QUEEN'S |
| U/A | U/A | U/A | U/A | 7,099 | 6,341 | RICE |
| 97,846 | 217,541 | 312,086 | 146,747 | 26,652 | 13,857 | ROCHESTER |

U/A - Unavailable N/A - Not Applicable

* - Figures in italics are derived from a sampling method rather than an actual annual count.



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# ARL Library Data Tables 1995-96

## Personnel and Public Services

| (Survey Question #) | | Professional Staff (FTE) (28) | Support Staff (FTE) (29) | Student Assistants (FTE) (30) | Total Staff (FTE) (31) | Library Presentations to Groups * (32) | Participants in Group Presentations * (33) |
|---|---|---|---|---|---|---|---|
| INSTITUTION | Notes | | | | | | |
| RUTGERS | BL+ | 108 | 240 | 103 | 451 | 814 | 15,244 |
| SASKATCHEWAN | LM+ | 42 | 117 | 16 | 175 | 202 | 3,593 |
| SOUTH CAROLINA | LM+ | 73 | 119 | 65 | 257 | 845 | 11,324 |
| SOUTHERN CALIFORNIA | BLM+ | 108 | 140 | 111 | 359 | 1,356 | 19,567 |
| SOUTHERN ILLINOIS | L+ | 50 | 97 | 95 | 242 | 1,343 | 7,939 |
| STANFORD | LM+ | 175 | 286 | 98 | 559 | 711 | 13,291 |
| SUNY-ALBANY | B+ | 47 | 79 | 45 | 171 | 411 | 4,785 |
| SUNY-BUFFALO | LM+ | 97 | 88 | 69 | 254 | 1,120 | 17,920 |
| SUNY-STONY BROOK | M+ | 45 | 89 | 59 | 193 | 184 | 2,084 |
| SYRACUSE | BL+ | 73 | 123 | 54 | 250 | 460 | 8,176 |
| TEMPLE | BLM+ | 73 | 105 | 54 | 232 | 257 | 3,006 |
| TENNESSEE | L+ | 65 | 140 | 59 | 264 | 268 | 7,757 |
| TEXAS | L+ | 141 | 364 | 94 | 599 | 817 | 16,201 |
| TEXAS A&M | BM+ | 80 | 169 | 95 | 344 | 221 | 1,949 |
| TORONTO | LM+ | 149 | 344 | 86 | 579 | 733 | 5,279 |
| TULANE | LM+ | 53 | 98 | 49 | 200 | 348 | 3,053 |
| UTAH | LM+ | 70 | 161 | 87 | 318 | 569 | 5,931 |
| VANDERBILT | LM+ | 78 | 142 | 67 | 287 | 713 | 6,815 |
| VIRGINIA | LM+ | 97 | 196 | 70 | 363 | 1,393 | 14,469 |
| VPI & SU | + | 43 | 94 | 71 | 208 | 731 | 10,782 |
| WASHINGTON | LM+ | 132 | 229 | 117 | 478 | 1,586 | 22,082 |
| WASHINGTON STATE | + | 39 | 90 | 39 | 168 | 353 | 6,232 |
| WASHINGTON U.-ST. LOUIS | LM+ | 88 | 142 | 55 | 285 | 428 | 4,272 |
| WATERLOO | + | 40 | 115 | 25 | 180 | 245 | 5,807 |
| WAYNE STATE | LM+ | 82 | 101 | 87 | 270 | 552 | 9,197 |
| WESTERN ONTARIO | L+ | 46 | 171 | 19 | 236 | 454 | 6,981 |
| WISCONSIN | LM+ | 156 | 218 | 169 | 543 | 1,806 | 21,824 |
| YALE | LM | 203 | 324 | 88 | 615 | 703 | 5,370 |
| YORK | BL+ | 51 | 127 | 52 | 230 | 603 | 9,088 |
| BOSTON PUBLIC LIBRARY | + | 206 | 318 | 40 | 564 | 15 | 1,050 |
| CANADA INST. FOR SCITECH. | B+ | 138 | 111 | 0 | 249 | 51 | U/A |
| CENTER FOR RESEARCH LIBS. | + | 28 | 27 | 13 | 68 | 0 | 0 |
| LIBRARY OF CONGRESS | L+ | 1,521 | 2,971 | 8 | 4,500 | 2,806 | 87,099 |
| LINDA HALL LIBRARY | + | 24 | 47 | 0 | 71 | 52 | 1,179 |
| NATL. AGRICULTURAL LIB. | + | 121 | 93 | 3 | 217 | 324 | 19,688 |
| NATL. LIBRARY OF CANADA | + | 210 | 250 | 9 | 469 | 141 | 814 |
| NATL. LIBRARY OF MEDICINE | M+ | 159 | 84 | 17 | 260 | 288 | 3,473 |
| NEW YORK PUBLIC LIBRARY | + | 263 | 393 | 138 | 794 | U/A | U/A |
| NEW YORK STATE LIBRARY | LM | 69 | 101 | 0 | 170 | 336 | 1,101 |
| SMITHSONIAN INSTITUTION | B+ | 56 | 59 | 5 | 120 | N/A | N/A |

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library
B - Includes Branch Campuses
N/A - Not Applicable
U/A - Unavailable
* - Figures in italics are derived from a sampling method rather than an actual annual count.

# ARL Library Data Tables

## Personnel and Public Services

| Reference Transactions * | Initial Circulation Transactions | Total Circulation Transactions | Reserve Circulation Transactions | Total Items Loaned (ILL) | Total Items Borrowed (ILL/DD) | |
|---|---|---|---|---|---|---|
| (34) | (35) | (36) | (37) | (38) | (39) | (Survey Question #) |
| | | | | | | INSTITUTION |
| 252,599 | 518,339 | 841,511 | 296,352 | 20,007 | 20,203 | RUTGERS |
| 65,998 | 411,714 | 1,255,363 | 81,616 | 10,111 | 12,251 | SASKATCHEWAN |
| 157,850 | 683,038 | 962,077 | 112,597 | 18,940 | 22,853 | SOUTH CAROLINA |
| 199,011 | 561,460 | 986,169 | 65,499 | 13,894 | 15,311 | SOUTHERN CALIFORNIA |
| *169,536* | 243,742 | 350,040 | 54,321 | 34,048 | 23,024 | SOUTHERN ILLINOIS |
| 193,756 | U/A | 1,036,194 | U/A | 20,099 | 10,745 | STANFORD |
| 155,336 | 204,395 | 269,505 | 54,336 | 28,907 | 15,341 | SUNY-ALBANY |
| *140,020* | 399,935 | 475,750 | 80,623 | 36,634 | 15,241 | SUNY-BUFFALO |
| 100,019 | 276,508 | 317,500 | 67,432 | 34,762 | 10,042 | SUNY-STONY BROOK |
| 97,408 | 312,244 | 350,414 | 108,512 | 15,482 | 10,876 | SYRACUSE |
| *137,402* | 254,698 | 307,155 | 78,249 | 7,714 | 9,872 | TEMPLE |
| U/A | 411,678 | 708,787 | 155,713 | 18,568 | 25,371 | TENNESSEE |
| *489,984* | 1,357,651 | 2,367,982 | 328,712 | 35,194 | 21,224 | TEXAS |
| 301,890 | 476,785 | 841,171 | 110,112 | 44,991 | 31,264 | TEXAS A&M |
| 413,650 | 1,914,649 | 2,455,299 | 224,444 | 23,608 | 9,060 | TORONTO |
| 39,053 | 268,658 | 309,833 | 47,725 | 17,703 | 15,933 | TULANE |
| U/A | 352,252 | 456,321 | 149,056 | 32,600 | 13,946 | UTAH |
| 127,126 | 296,514 | 346,352 | 64,419 | 16,418 | 13,424 | VANDERBILT |
| 293,000 | 524,602 | 804,027 | 332,396 | 37,538 | 27,689 | VIRGINIA |
| 141,597 | 332,325 | 452,468 | 288,464 | 25,720 | 14,900 | VPI & SU |
| 96,331 | U/A | 3,140,516 | 209,583 | 81,010 | 10,046 | WASHINGTON |
| *107,355* | 287,798 | 450,700 | 53,937 | 29,190 | 8,023 | WASHINGTON STATE |
| *151,737* | 182,184 | 425,290 | 64,274 | 39,658 | 22,826 | WASHINGTON U.-ST. LOUIS |
| 67,377 | 436,897 | 707,201 | 135,553 | 8,039 | 7,598 | WATERLOO |
| *961,812* | 360,069 | 452,959 | 111,486 | 45,467 | 12,659 | WAYNE STATE |
| 192,960 | U/A | 841,026 | U/A | 19,218 | 3,941 | WESTERN ONTARIO |
| *351,100* | 837,830 | 1,084,011 | 326,432 | 92,856 | 21,258 | WISCONSIN |
| 421,612 | 605,546 | 717,772 | 53,020 | 15,477 | 14,341 | YALE |
| 182,764 | 877,605 | 1,229,112 | 78,708 | 17,988 | 4,249 | YORK |
| 1,368,959 | 2,094,135 | 2,373,373 | 69,002 | 35,048 | 3,639 | BOSTON PUBLIC LIBRARY |
| 6,455 | U/A | 3,233 | 0 | 389,198 | 1,400 | CANADA INST. FOR SCITECH |
| N/A | 101,937 | 101,937 | N/A | 29,087 | 0 | CENTER FOR RESEARCH LIBS. |
| 1,627,229 | 222,854 | U/A | U/A | 19,742 | 357 | LIBRARY OF CONGRESS |
| 31,178 | 3,837 | 3,837 | N/A | 57,394 | 26 | LINDA HALL LIBRARY |
| 41,430 | 9,742 | 12,478 | N/A | 25,334 | 13,334 | NATL. AGRICULTURAL LIB. |
| 53,609 | 97,417 | 104,834 | N/A | 48,806 | 647 | NATL. LIBRARY OF CANADA |
| 59,595 | U/A | U/A | U/A | 227,810 | 247 | NATL. LIBRARY OF MEDICINE |
| U/A | U/A | U/A | U/A | 3,124 | 3,722 | NEW YORK PUBLIC LIBRARY |
| 83,877 | 57,726 | 61,689 | U/A | 57,373 | 3,676 | NEW YORK STATE LIBRARY |
| 65,494 | 230,983 | 266,405 | N/A | 20,366 | 15,032 | SMITHSONIAN INSTITUTION |

U/A - Unavailable N/A - Not Applicable

* - Figures in italics are derived from a sampling method rather than an actual annual count.



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# ARL Library Data Tables 1995-96

## Summary Data: Personnel and Public Services

| | Professional Staff (FTE) | Support Staff (FTE) | Student Assistants (FTE) | Total Staff (FTE) | Library Presentations to Groups | Participants in Group Presentations |
|---|---|---|---|---|---|---|
| (Survey Question #) | (28) | (29) | (30) | (31) | (32) | (33) |
| **UNIVERSITY LIBRARIES:** | | | | | | |
| Median | 73 | 131 | 66 | 264 | 712 | 9,098 |
| High | 404 | 587 | 226 | 1,125 | 11,050 | 41,814 |
| Low | 23 | 53 | 1 | 116 | 122 | 1,949 |
| Totals | 9,141 | 16,896 | 8,086 | 34,123 | 91,897 | 1,076,692 |
| Number of Libraries Responding | 109 | 109 | 109 | 109 | 101 | 101 |
| **NONUNIVERSITY LIBRARIES:** | | | | | | |
| Median | 138 | 101 | 8 | 249 | 141 | 1,140 |
| Totals | 2,795 | 4,454 | 233 | 7,482 | 4,213 | 114,404 |
| Number of Libraries Responding | 11 | 11 | 11 | 11 | 9 | 8 |
| **GRAND TOTALS:** | 11,936 | 21,350 | 8,319 | 41,605 | 96,110 | 1,191,096 |

# ARL Library Data Tables 1995-96

## Summary Data: Personnel and Public Services

| Reference Transactions | Initial Circulation Transactions | Total Circulation Transactions | Reserve Circulation Transactions | Total Items Loaned (ILL) | Total Items Borrowed (ILL/DD) | |
|---|---|---|---|---|---|---|
| (34) | (35) | (36) | (37) | (38) | (39) | (Survey Question #) |
| | | | | | | **UNIVERSITY LIBRARIES:** |
| 163,722 | 392,581 | 557,580 | 131,556 | 26,173 | 15,278 | Median |
| 961,812 | 1,914,649 | 4,504,292 | 424,016 | 246,800 | 81,478 | High |
| 39,053 | 82,049 | 162,621 | 28,252 | 3,870 | 2,502 | Low |
| 20,806,690 | 37,447,495 | 80,448,052 | 15,286,933 | 3,640,250 | 1,940,609 | Totals |
| 100 | 81 | 106 | 97 | 109 | 109 | Number of Libraries Responding |
| | | | | | | **NONUNIVERSITY LIBRARIES:** |
| 59,595 | 99,677 | 81,313 | 34,501 | 35,048 | 1,400 | Median |
| 3,337,826 | 2,818,631 | 2,926,786 | 69,002 | 913,282 | 42,080 | Totals |
| 9 | 8 | 8 | 2 | 11 | 11 | Number of Libraries Responding |
| 24,144,516 | 40,266,126 | 83,374,838 | 15,355,935 | 4,553,532 | 1,982,689 | **GRAND TOTALS:** |

## Analysis of Selected Variables of ARL University Libraries

The percentages and ratios below are select indicators that describe the condition of ARL university libraries. The high and low figures indicate the range, while the mean and median indicate the central tendency of the distributions for ARL university libraries. Note that a distribution is normal when the mean and the median figures are identical. If the mean is larger than the median then the distribution is positively skewed, and if the opposite is true the distribution is negatively skewed.

| | Category | High | Mean | Median | Low | Number of libraries reporting |
|---|---|---|---|---|---|---|
| 1. | Professional Staff as percent of Total Staff | 42.74 | 26.63 | 26.48 | 17.97 | 109 |
| 2. | Support Staff as percent of Total Staff | 74.80 | 49.79 | 49.41 | 18.03 | 109 |
| 3. | Student Assistant Staff as percent of Total Staff | 47.62 | 23.58 | 24.32 | 0.40 | 109 |
| 4. | Ratio of Professional to Support Staff (excluding Student Assistant Staff) | 1.91 | 0.56 | 0.53 | 0.24 | 109 |
| 5. | Ratio of Items Loaned to Items Borrowed | 16.15 | 2.11 | 1.70 | 0.58 | 109 |
| 6. | Serial Expenditures as percent of Total Library Materials Expenditures | 86.21 | 62.97 | 63.22 | 37.34 | 109 |
| 7. | Total Library Materials Expenditures as percent of Total Library Expenditures | 53.66 | 37.09 | 37.47 | 23.54 | 109 |
| 8. | Contract Binding as percent of Total Library Expenditures | 2.80 | 1.27 | 1.18 | 0.14 | 109 |
| 9. | Salary and Wages Expenditures as percent of Total Library Expenditures | 62.21 | 47.73 | 47.60 | 34.78 | 109 |
| 10. | Other Operating Expenditures as percent of Total Library Expenditures | 28.87 | 13.91 | 13.51 | 5.05 | 109 |
| 11. | Unit cost of monographs (per volume) | $72.64 | $45.93 | $45.70 | $24.99 | 91 |
| 12. | Unit cost of serials (per title) | $413.32 | $231.17 | $219.55 | $136.42 | 81 |

# Ph.D., Faculty, and Enrollment Statistics *

| | | | | ENROLLMENTS | | | |
|---|---|---|---|---|---|---|---|
| | Ph.D.s Awarded | Ph.D. Fields | Faculty | Total FTE Full-time** | Total Part-time** | Graduate FTE Full-time | Graduate Part-time |
| (Survey Question #) | (40) | (41) | (42) | (43) | (44) | (45) | (46) |
| INSTITUTION | | | | | | | |
| ALABAMA | 117 | 44 | 794 | 15,556 | 3,429 | 2,391 | 1,756 |
| ALBERTA | 251 | 51 | 1,534 | 22,574 | 2,339 | 2,928 | 1,213 |
| ARIZONA | 384 | 95 | 1,359 | 25,804 | 7,700 | 5,327 | 2,884 |
| ARIZONA STATE + | 263 | 41 | 1,966 | 31,296 | 14,633 | 5,714 | 6,230 |
| AUBURN | 151 | 40 | 1,131 | 18,800 | 3,322 | 1,887 | 1,620 |
| BOSTON | 202 | 51 | 1,127 | 23,135 | 5,997 | 7,328 | 3,249 |
| BRIGHAM YOUNG | 75 | 27 | 1,357 | 28,388 | 2,989 | 1,745 | 1,138 |
| BRITISH COLUMBIA | 328 | 70 | 1,832 | 18,218 | 6,756 | 5,385 | 555 |
| BROWN | 156 | 38 | 535 | 7,137 | 504 | 1,578 | 121 |
| CALIFORNIA, BERKELEY | 878 | 121 | 1,240 | 27,026 | 2,604 | 7,551 | 1,031 |
| CALIFORNIA, DAVIS | 397 | 51 | 1,293 | 20,699 | 2,393 | 4,741 | 297 |
| CALIFORNIA, IRVINE | 188 | 26 | 998 | 16,191 | 1,070 | 3,283 | 262 |
| CALIFORNIA, LOS ANGELES | U/A | U/A | 1,718 | 32,690 | 2,023 | 10,332 | 612 |
| CALIFORNIA, RIVERSIDE + | 96 | 30 | 424 | 8,181 | 725 | 1,363 | 110 |
| CALIFORNIA, SAN DIEGO | 260 | 50 | 1,072 | 17,430 | 878 | 3,361 | 108 |
| CALIFORNIA, SANTA BARBARA | 262 | 53 | 950 | 17,750 | 875 | 2,385 | 170 |
| CASE WESTERN RESERVE + | 171 | 50 | 1,879 | 6,523 | 3,226 | 3,444 | 2,660 |
| CHICAGO | 380 | 69 | 1,226 | 9,968 | 2,061 | 6,492 | 2,011 |
| CINCINNATI | 185 | 55 | 1,731 | 19,712 | 8,661 | 4,577 | 2,870 |
| COLORADO | 297 | 40 | 1,215 | 20,931 | 6,693 | 2,299 | 4,010 |
| COLORADO STATE | 196 | 39 | 1,004 | 15,995 | 2,141 | 2,671 | 1,107 |
| COLUMBIA | 349 | 65 | 3,152 | 15,417 | 3,930 | 10,210 | 2,239 |
| CONNECTICUT | 239 | 70 | 1,068 | 15,989 | 6,562 | 3,951 | 3,853 |
| CORNELL + | 512 | 79 | 1,484 | 18,914 | 71 | 5,542 | 31 |
| DARTMOUTH | 46 | 12 | 447 | 5,121 | 69 | 1,213 | 52 |
| DELAWARE | 157 | 40 | 920 | 15,594 | 5,771 | 1,693 | 1,531 |
| DUKE + | 232 | 41 | 798 | 11,043 | 468 | 4,836 | 411 |
| EMORY | 143 | 22 | 686 | 9,705 | 1,603 | 3,856 | 1,358 |
| FLORIDA | 404 | 72 | 2,225 | 33,466 | 5,947 | 6,913 | 2,641 |
| FLORIDA STATE + | 273 | 126 | 1,011 | 23,912 | 6,243 | 3,814 | 2,930 |
| GEORGETOWN + | 73 | 18 | 802 | 11,142 | 1,484 | 5,091 | 1,200 |
| GEORGIA | 282 | 70 | 1,985 | 25,928 | 4,221 | 5,010 | 1,564 |
| GEORGIA TECH | 252 | 61 | 697 | 11,584 | 1,452 | 2,763 | 800 |
| GUELPH | 99 | U/A | 626 | 11,375 | 2,093 | 1,502 | 202 |
| HARVARD + | 375 | 72 | 1,693 | 17,209 | 1,101 | 10,449 | 810 |
| HAWAII | 168 | 49 | 1,039 | 14,185 | 5,584 | 3,059 | 3,309 |
| HOUSTON | 150 | 52 | 1,448 | 18,946 | 11,820 | 4,239 | 5,101 |
| HOWARD | 73 | 24 | 1,235 | 7,466 | 4,002 | 2,381 | 1,455 |
| ILLINOIS, CHICAGO + | 237 | 51 | 1,638 | 18,748 | 5,792 | 5,257 | 3,141 |
| ILLINOIS, URBANA + | 680 | 80 | 1,849 | 33,613 | 4,807 | 7,774 | 2,803 |
| INDIANA | 330 | 71 | 1,420 | 29,301 | 5,762 | 4,912 | 3,057 |
| IOWA + | 340 | 99 | 1,085 | 21,418 | 6,634 | 5,427 | 3,801 |
| IOWA STATE + | 287 | 77 | 1,029 | 20,910 | 3,763 | 2,838 | 1,894 |

* - These figures were reported on the ARL Questionnaire and have not been verified with the U.S. NCES IPEDS survey.
** - Includes both undergraduate and graduate students.
+ - See Footnotes
U/A - Unavailable

# PH.D., FACULTY, AND ENROLLMENT STATISTICS *

| | | | | ENROLLMENTS | | | |
|---|---|---|---|---|---|---|---|
| | Ph.D.s Awarded | Ph.D. Fields | Faculty | Total FTE Full-time** | Total Part-time** | Graduate FTE Full-time | Graduate Part-time |
| (Survey Question #) | (40) | (41) | (42) | (43) | (44) | (45) | (46) |
| INSTITUTION | | | | | | | |
| JOHNS HOPKINS | 299 | 60 | 879 | 7,375 | 8,267 | 3,685 | 7,439 |
| KANSAS + | 239 | 66 | 1,646 | 21,521 | 6,118 | 4,564 | 4,418 |
| KENT STATE | 140 | 18 | 809 | 19,384 | 10,093 | 1,920 | 2,875 |
| KENTUCKY | 208 | 51 | 1,238 | 18,543 | 5,251 | 3,653 | 2,757 |
| LAVAL | 233 | 52 | 1,646 | 22,588 | 7,176 | 4,377 | 2,910 |
| LOUISIANA STATE | 228 | 56 | 1,236 | 20,784 | 5,789 | 4,121 | 2,089 |
| MCGILL + | 294 | 80 | 1,561 | 22,393 | 9,199 | 5,206 | 1,639 |
| MCMASTER | 138 | 36 | 1,001 | 13,838 | 3,689 | 1,566 | 689 |
| MANITOBA | 99 | 47 | 1,225 | 14,261 | 4,774 | 2,128 | 920 |
| MARYLAND | 466 | 67 | 1,481 | 25,180 | 7,728 | 4,158 | 4,377 |
| MASSACHUSETTS + | 243 | 52 | 1,146 | 19,616 | 5,651 | 2,405 | 3,698 |
| MIT + | 526 | 48 | 841 | 9,266 | 194 | 5,323 | 142 |
| MIAMI | 107 | 44 | 1,892 | 11,885 | 1,686 | 4,474 | 778 |
| MICHIGAN + | 666 | 90 | 2,813 | 33,234 | 3,453 | 11,213 | 1,899 |
| MICHIGAN STATE | 475 | 104 | 2,039 | 32,470 | 8,177 | 5,459 | 3,859 |
| MINNESOTA | 764 | 100 | 1,499 | 23,316 | 28,129 | 6,183 | 7,551 |
| MISSOURI | 236 | 61 | 879 | 18,339 | 4,017 | 3,253 | 2,319 |
| NEBRASKA | 241 | 35 | 1,261 | 19,094 | 5,226 | 2,543 | 2,591 |
| NEW MEXICO + | 210 | 40 | 1,513 | 14,608 | 9,997 | 3,319 | 4,919 |
| NEW YORK | 341 | 115 | 2,234 | 22,938 | 12,519 | 6,390 | 9,604 |
| NORTH CAROLINA | 400 | 62 | 2,369 | 19,814 | 4,625 | 5,084 | 3,653 |
| NORTH CAROLINA STATE + | 325 | 53 | 1,542 | 18,729 | 9,521 | 2,028 | 4,585 |
| NORTHWESTERN + | 365 | 78 | 2,138 | 13,920 | 3,764 | 6,153 | 1,794 |
| NOTRE DAME | 131 | 25 | 705 | 10,303 | 240 | 2,444 | 218 |
| OHIO | 132 | 56 | 960 | 22,481 | 5,458 | 2,575 | 942 |
| OHIO STATE | 699 | 100 | 2,546 | 39,198 | 9,478 | 8,936 | 4,265 |
| OKLAHOMA | 142 | 44 | 801 | 15,168 | 4,774 | 2,050 | 2,387 |
| OKLAHOMA STATE | 155 | 35 | 1,244 | 19,007 | 6,960 | 1,826 | 2,808 |
| OREGON | 172 | 45 | 633 | 14,555 | 2,583 | 2,856 | 565 |
| PENNSYLVANIA | 438 | 66 | 2,020 | 18,139 | 4,009 | 8,621 | 2,023 |
| PENNSYLVANIA STATE | 495 | 88 | 2,921 | 55,681 | 15,688 | 4,605 | 6,024 |
| PITTSBURGH | 302 | 63 | 1,555 | 23,598 | 8,509 | 5,902 | 3,734 |
| PRINCETON | 287 | 45 | 753 | 4,609 | 131 | 1,761 | 0 |
| PURDUE | 508 | 54 | 1,405 | 30,352 | 4,333 | 4,494 | 2,209 |
| QUEEN'S + | 127 | 27 | 714 | 12,939 | 3,953 | 2,058 | 641 |
| RICE + | 111 | 28 | 449 | 4,036 | 193 | 1,371 | 102 |
| ROCHESTER | 229 | 54 | 501 | 7,611 | 1,846 | 2,190 | 1,486 |
| RUTGERS | 394 | 61 | 1,984 | 33,155 | 14,980 | 4,650 | 8,546 |
| SASKATCHEWAN | 88 | 41 | 988 | 14,863 | 3,933 | 2,424 | 500 |
| SOUTH CAROLINA | 228 | 55 | 1,379 | 17,242 | 9,104 | 4,839 | 5,592 |
| SOUTHERN CALIFORNIA + | 524 | 73 | 1,609 | 21,016 | 6,955 | 7,401 | 5,404 |
| SOUTHERN ILLINOIS | 156 | 28 | 973 | 18,436 | 3,982 | 1,726 | 1,879 |
| STANFORD | 557 | U/A | 1,433 | 12,661 | U/A | 6,084 | 1,383 |

* - These figures were reported on the ARL Questionnaire and have not been verified with the U.S. NCES IPEDS survey.

** - Includes both undergraduate and graduate students.

+ - See Footnotes

U/A - Unavailable



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## PH.D., FACULTY, AND ENROLLMENT STATISTICS *

| | | | | ENROLLMENTS | | | |
|---|---|---|---|---|---|---|---|
| | Ph.D.s Awarded | Ph.D. Fields | Faculty | Total FTE Full-time** | Total Part-time** | Graduate FTE Full-time | Graduate Part-time |
| (Survey Question #) | (40) | (41) | (42) | (43) | (44) | (45) | (46) |
| INSTITUTION | | | | | | | |
| SUNY-ALBANY | 147 | 34 | 609 | 11,757 | 4,239 | 2,035 | 3,050 |
| SUNY-BUFFALO + | 290 | 66 | 1,251 | 18,320 | 6,173 | 4,794 | 3,549 |
| SUNY-STONY BROOK | 224 | 41 | 1,229 | 13,294 | 4,371 | 2,643 | 2,968 |
| SYRACUSE + | 170 | 72 | 817 | 13,557 | 5,197 | 2,331 | 3,663 |
| TEMPLE + | 215 | 61 | 1,680 | 18,835 | 10,197 | 4,222 | 5,904 |
| TENNESSEE | 281 | 46 | 1,304 | 19,364 | 5,887 | 3,607 | 2,909 |
| TEXAS + | 744 | 81 | 2,227 | 41,382 | 6,523 | 11,282 | 1,537 |
| TEXAS A&M + | 532 | 84 | 2,032 | 37,563 | 4,329 | 5,649 | 1,901 |
| TORONTO | 530 | 80 | 2,705 | 37,430 | 16,009 | 7,112 | 3,232 |
| TULANE + | 78 | 36 | 900 | 8,644 | 2,023 | 3,814 | 526 |
| UTAH + | 236 | 80 | 1,475 | 17,978 | 9,159 | 3,999 | 1,055 |
| VANDERBILT + | 145 | 40 | 1,555 | 9,520 | 554 | 3,793 | 489 |
| VIRGINIA | 302 | 46 | 996 | 17,738 | 3,990 | 5,643 | 2,977 |
| VPI & SU | 378 | 49 | 1,424 | 22,471 | 3,021 | 3,559 | 2,435 |
| WASHINGTON + | 493 | 66 | 2,927 | 28,462 | 6,004 | 7,589 | 1,614 |
| WASHINGTON STATE | 148 | 42 | 1,019 | 16,963 | 2,608 | 2,309 | 1,025 |
| WASHINGTON U.-ST. LOUIS | 164 | 40 | 642 | 8,316 | 3,166 | 3,455 | 2,063 |
| WATERLOO | 160 | 32 | 792 | 15,077 | 6,378 | 1,618 | 347 |
| WAYNE STATE + | 230 | 52 | 1,254 | 14,619 | 17,530 | 5,818 | 7,693 |
| WESTERN ONTARIO | 116 | 35 | 1,358 | 16,024 | 3,237 | 2,698 | 148 |
| WISCONSIN | 753 | 120 | 2,078 | 33,534 | 5,471 | 9,428 | 1,962 |
| YALE | 349 | 49 | 1,783 | 10,673 | 313 | 5,437 | 223 |
| YORK | 90 | 35 | 1,170 | 27,889 | 11,803 | 2,201 | 1,333 |

## SUMMARY DATA: PH.D., FACULTY , AND ENROLLMENT STATISTICS

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Median | 239 | 52 | 1,251 | 18,339 | 4,498 | 3,951 | 1,962 |
| High | 878 | 126 | 3,152 | 55,681 | 28,129 | 11,282 | 9,604 |
| Low | 46 | 12 | 424 | 4,036 | 69 | 1,213 | 0 |
| Totals | 30,831 | 5,972 | 148,910 | 2,092,466 | 580,542 | 472,566 | 259,013 |
| Number of Libraries Responding | 108 | 106 | 109 | 109 | 108 | 109 | 109 |

* - These figures were reported on the ARL Questionnaire and have not been verified with the U.S. NCES IPEDS survey.
** - Includes both undergraduate and graduate students.
+ - See Footnotes
U/A - Unavailable

# Rank Order Tables of University Libraries

# SUMMARY OF RANK ORDER TABLES FOR UNIVERSITY LIBRARIES

The table below presents the rank for each university library in each of the eighteen categories for which rank order tables are prepared. The table numbers in the chart below refer to the data categories listed below. The number of libraries indicates the number of ARL university libraries supplying data in each category.

| TABLE | DATA CATEGORY | NO. OF LIBS. | TABLE | DATA CATEGORY | NO. OF LIBS. |
|---|---|---|---|---|---|
| 1 | VOLUMES IN LIBRARY | 109 | 10 | MONOGRAPHS PURCHASED (VOLS.) | 91 |
| 2 | VOLUMES ADDED (GROSS) | 109 | 11 | EXPENDITURES FOR MONOGRAPHS | 109 |
| 3 | CURRENT SERIALS (TOTALS) | 109 | 12 | SERIALS PURCHASED (SUBS.) | 81 |
| 4 | MICROFORM HOLDINGS | 109 | 13 | EXPENDITURES FOR SERIALS | 109 |
| 5 | GOVERNMENT DOCUMENTS | 97 | 14 | TOTAL ITEMS LOANED (ILL) | 109 |
| 6 | MATERIALS EXPENDITURES | 109 | 15 | TOTAL ITEMS BORROWED (ILL/DD) | 109 |
| 7 | SALARIES & WAGES EXPENDITURES | 109 | 16 | PROFESSIONAL STAFF (FTE) | 109 |
| 8 | OTHER OPERATING EXPENDITURES | 109 | 17 | SUPPORT STAFF (FTE) | 109 |
| 9 | TOTAL LIBRARY EXPENDITURES | 109 | 18 | TOTAL STAFF (FTE) | 109 |

| INSTITUTION | TABLES | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| ALABAMA | 93 | 85 | 91 | 69 | 9 | 105 | 103 | 81 | 103 | 65 | 97 | 67 | 100 | 100 | 86 | 72 | 102 | 92 |
| ALBERTA | 18 | 20 | 43 | 53 | 36 | 33 | 34 | 52 | 34 | 34 | 18 | 19 | 23 | 6 | 14 | 67 | 16 | 38 |
| ARIZONA | 23 | 24 | 44 | 18 | 79 | 26 | 37 | 23 | 31 | 18 | 31 | 16 | 32 | 44 | 43 | 35 | 32 | 27 |
| ARIZONA STATE | 37 | 44 | 23 | 3 | 23 | 32 | 31 | 18 | 30 | 7 | 19 | 14 | 25 | 69 | 32 | 32 | 23 | 30 |
| AUBURN | 63 | 30 | 63 | 94 | 43 | 99 | 105 | 88 | 106 | 60 | 76 | 78 | 101 | 67 | 105 | 93 | 97 | 100 |
| BOSTON | 91 | 64 | 33 | 57 | U/A | 80 | 66 | 56 | 69 | 68 | 98 | 26 | 70 | 90 | 47 | 67 | 54 | 61 |
| BRIGHAM YOUNG | 62 | 82 | 80 | 92 | 47 | 72 | 58 | 62 | 64 | 25 | 33 | 68 | 97 | 57 | 31 | 29 | 109 | 46 |
| BRITISH COLUMBIA | 28 | 26 | 64 | 33 | 18 | 31 | 21 | 45 | 26 | 15 | 52 | 46 | 13 | 19 | 42 | 25 | 13 | 22 |
| BROWN | 48 | 81 | 98 | 102 | 79 | 79 | 63 | 31 | 63 | 50 | 51 | 66 | 90 | 98 | 51 | 45 | 82 | 71 |
| CALIFORNIA, BERKELEY | 4 | 6 | 4 | 11 | 63 | 6 | 3 | 10 | 5 | U/A | 7 | U/A | 6 | 15 | 35 | 3 | 11 | 2 |
| CALIFORNIA, DAVIS | 47 | 42 | 13 | 51 | 64 | 40 | 32 | 89 | 41 | U/A | 26 | U/A | 49 | 17 | 55 | 76 | 32 | 45 |
| CALIFORNIA, IRVINE | 96 | 78 | 55 | 98 | 49 | 74 | 43 | 59 | 55 | 81 | 73 | 57 | 66 | 62 | 13 | 80 | 68 | 66 |
| CALIFORNIA, LOS ANGELES | 9 | 4 | 2 | 10 | 68 | 9 | 5 | 2 | 4 | 1 | 5 | U/A | 19 | 4 | 46 | 15 | 6 | 4 |
| CALIFORNIA, RIVERSIDE | 104 | 89 | 97 | 101 | 46 | 103 | 96 | 105 | 105 | 49 | 71 | 80 | 107 | 102 | 45 | 102 | 98 | 103 |
| CALIFORNIA, SAN DIEGO | 60 | 22 | 50 | 84 | 57 | 44 | 25 | 42 | 33 | 9 | 48 | 36 | 43 | 49 | 10 | 56 | 36 | 36 |
| CALIFORNIA, SANTA BARBARA | 69 | 61 | 66 | 59 | 26 | 100 | 48 | 61 | 67 | 38 | 66 | 59 | 103 | 73 | 33 | 89 | 52 | 64 |
| CASE WESTERN RESERVE | 95 | 107 | 96 | 96 | 66 | 87 | 90 | 87 | 88 | 86 | 106 | 60 | 57 | 8 | 9 | 60 | 102 | 93 |
| CHICAGO | 11 | 15 | 19 | 93 | U/A | 21 | 29 | 13 | 23 | 6 | 10 | U/A | 22 | 26 | 26 | 56 | 27 | 34 |
| CINCINNATI | 83 | 52 | 62 | 73 | 42 | 50 | 59 | 63 | 56 | 48 | 55 | U/A | 45 | 11 | 4 | 51 | 75 | 52 |
| COLORADO | 52 | 83 | 31 | 15 | 5 | 24 | 56 | 85 | 46 | 17 | 35 | 21 | 24 | 38 | 63 | 69 | 59 | 58 |
| COLORADO STATE | 109 | 74 | 57 | 91 | 50 | 86 | 100 | 77 | 94 | 56 | 74 | 71 | 91 | 45 | 24 | 107 | 98 | 100 |
| COLUMBIA | 8 | 12 | 6 | 23 | 59 | 8 | 7 | 20 | 8 | U/A | 8 | 1 | 5 | 41 | 38 | 3 | 10 | 10 |
| CONNECTICUT | 54 | 37 | 72 | 46 | U/A | 66 | 39 | 37 | 45 | 66 | 105 | 33 | 52 | 25 | 27 | 60 | 83 | 69 |
| CORNELL | 12 | 11 | 7 | 2 | U/A | 10 | 11 | 9 | 10 | U/A | 11 | U/A | 11 | 87 | 72 | 14 | 8 | 7 |
| DARTMOUTH | 79 | 72 | 60 | 86 | 79 | 78 | 82 | 73 | 78 | 37 | 59 | 28 | 87 | 94 | 58 | 89 | 79 | 96 |
| DELAWARE | 73 | 95 | 102 | 79 | 40 | 65 | 79 | 82 | 75 | 39 | 37 | 69 | 75 | 99 | 75 | 74 | 72 | 78 |
| DUKE | 21 | 19 | 26 | 66 | 7 | 16 | 26 | 11 | 22 | 19 | 13 | U/A | 12 | 14 | 71 | 25 | 37 | 37 |
| EMORY | 68 | 50 | 47 | 70 | 61 | 30 | 45 | 15 | 32 | U/A | 15 | 25 | 39 | 58 | 88 | 43 | 44 | 51 |

U/A - Unavailable



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| INSTITUTION | TABLES | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| FLORIDA | 36 | 33 | 38 | 7 | 8 | 37 | 35 | 60 | 37 | 23 | 56 | 18 | 35 | 23 | 79 | 19 | 21 | 23 |
| FLORIDA STATE | 80 | 58 | 83 | 32 | 16 | 76 | 95 | 101 | 91 | U/A | 75 | U/A | 68 | 31 | 73 | 72 | 62 | 69 |
| GEORGETOWN | 82 | 60 | 37 | 77 | 37 | 43 | 41 | 44 | 42 | 42 | 49 | 10 | 40 | 97 | 89 | 45 | 64 | 56 |
| GEORGIA | 34 | 35 | 14 | 17 | 15 | 35 | 44 | 66 | 43 | 10 | 29 | U/A | 30 | 40 | 94 | 40 | 25 | 28 |
| GEORGIA TECH | 97 | 80 | 99 | 45 | 79 | 97 | 107 | 91 | 108 | 89 | 95 | 81 | 92 | 101 | 108 | 89 | 107 | 108 |
| GUELPH | 89 | 109 | 106 | 103 | 79 | 109 | 106 | 103 | 109 | 90 | 107 | U/A | 109 | 108 | 100 | 109 | 87 | 107 |
| HARVARD | 1 | 1 | 1 | 1 | U/A | 1 | 1 | 1 | 1 | U/A | 2 | U/A | 3 | 7 | 39 | 1 | 1 | 1 |
| HAWAII | 45 | 102 | 36 | 12 | 79 | 106 | 67 | 97 | 87 | 91 | 109 | 24 | 89 | 85 | 104 | 76 | 95 | 87 |
| HOUSTON | 100 | 68 | 88 | 49 | 27 | 85 | 98 | 50 | 83 | 57 | 83 | 44 | 88 | 51 | 40 | 96 | 85 | 83 |
| HOWARD | 71 | 108 | 90 | 50 | U/A | 91 | 94 | 84 | 95 | 71 | 108 | 47 | 99 | 109 | 109 | 98 | 89 | 106 |
| ILLINOIS, CHICAGO | 98 | 84 | 81 | 87 | 25 | 53 | 49 | 68 | 53 | 52 | 67 | 39 | 31 | 2 | 1 | 45 | 41 | 49 |
| ILLINOIS, URBANA | 3 | 5 | 3 | 30 | U/A | 20 | 15 | 21 | 17 | 5 | 23 | U/A | 15 | 10 | 2 | 6 | 12 | 13 |
| INDIANA | 13 | 7 | 18 | 48 | 67 | 18 | 19 | 14 | 18 | 14 | 20 | 8 | 37 | 13 | 11 | 12 | 22 | 15 |
| IOWA | 27 | 31 | 22 | 9 | 12 | 39 | 36 | 36 | 35 | 24 | 40 | 20 | 54 | 16 | 37 | 28 | 61 | 43 |
| IOWA STATE | 85 | 75 | 53 | 76 | 79 | 56 | 69 | 43 | 61 | 54 | 62 | 40 | 59 | 60 | 64 | 80 | 70 | 76 |
| JOHNS HOPKINS | 38 | 59 | 59 | 55 | 79 | 23 | 38 | 17 | 29 | 26 | 32 | 37 | 41 | 66 | 34 | 39 | 32 | 42 |
| KANSAS | 33 | 46 | 28 | 75 | 24 | 52 | 54 | 39 | 50 | 28 | 46 | 23 | 61 | 24 | 19 | 36 | 75 | 44 |
| KENT STATE | 72 | 48 | 104 | 109 | 78 | 107 | 78 | 65 | 90 | 85 | 93 | 79 | 106 | 82 | 15 | 76 | 91 | 77 |
| KENTUCKY | 53 | 90 | 39 | 13 | 10 | 60 | 46 | 28 | 47 | 78 | 88 | 45 | 48 | 42 | 25 | 31 | 72 | 35 |
| LAVAL | 75 | 43 | 93 | 108 | 77 | 70 | 51 | 106 | 70 | 55 | 87 | 63 | 53 | 61 | 65 | 60 | 29 | 61 |
| LOUISIANA STATE | 46 | 66 | 69 | 26 | 65 | 101 | 92 | 95 | 101 | 87 | 90 | 50 | 93 | 93 | 66 | 80 | 74 | 79 |
| MCGILL | 42 | 45 | 78 | 105 | 17 | 63 | 42 | 100 | 59 | 44 | 53 | 56 | 86 | 81 | 87 | 51 | 28 | 41 |
| MCMASTER | 106 | 106 | 101 | 104 | 60 | 95 | 88 | 109 | 102 | 75 | 94 | 74 | 78 | 72 | 62 | 107 | 55 | 94 |
| MANITOBA | 107 | 104 | 109 | 107 | 31 | 108 | 74 | 99 | 97 | 88 | 101 | 75 | 108 | 70 | 83 | 84 | 57 | 90 |
| MARYLAND | 58 | 41 | 40 | 25 | 22 | 49 | 40 | 46 | 44 | 30 | 38 | 43 | 65 | 54 | 69 | 40 | 59 | 40 |
| MASSACHUSETTS | 50 | 56 | 87 | 97 | 51 | 84 | 71 | 96 | 81 | 40 | 68 | 64 | 85 | 88 | 92 | 84 | 93 | 95 |
| MIT | 61 | 98 | 71 | 99 | 79 | 92 | 62 | 71 | 74 | 80 | 96 | 70 | 84 | 68 | 98 | 42 | 75 | 80 |
| MIAMI | 87 | 71 | 61 | 71 | 32 | 48 | 70 | 53 | 62 | 58 | 80 | 35 | 26 | 29 | 60 | 58 | 56 | 63 |
| MICHIGAN | 7 | 14 | 5 | 16 | 79 | 4 | 9 | 5 | 6 | U/A | 6 | 3 | 1 | 12 | 16 | 8 | 7 | 3 |
| MICHIGAN STATE | 25 | 27 | 34 | 24 | 79 | 47 | 47 | 55 | 48 | 41 | 44 | 48 | 42 | 50 | 67 | 66 | 75 | 49 |
| MINNESOTA | 17 | 13 | 11 | 20 | 1 | 12 | 14 | 8 | 11 | 31 | 25 | 4 | 7 | 1 | 54 | 25 | 26 | 18 |
| MISSOURI | 49 | 93 | 48 | 5 | 4 | 55 | 84 | 47 | 68 | 53 | 43 | U/A | 56 | 32 | 48 | 71 | 50 | 66 |
| NEBRASKA | 65 | 65 | 52 | 40 | 29 | 59 | 87 | 90 | 80 | 72 | 86 | 52 | 38 | 96 | 44 | 80 | 67 | 82 |
| NEW MEXICO | 86 | 54 | 77 | 6 | 53 | 73 | 30 | 16 | 38 | 46 | 57 | 54 | 74 | 48 | 21 | 36 | 39 | 31 |
| NEW YORK | 32 | 16 | 30 | 42 | 38 | 27 | 18 | 25 | 19 | 4 | 12 | 7 | 27 | 71 | 30 | 10 | 29 | 16 |
| NORTH CAROLINA | 20 | 21 | 17 | 41 | 6 | 13 | 23 | 27 | 21 | 8 | 21 | 15 | 16 | 20 | 96 | 16 | 19 | 20 |
| NORTH CAROLINA STATE | 57 | 47 | 54 | 34 | 79 | 45 | 73 | 48 | 58 | 22 | 45 | 62 | 80 | 76 | 102 | 63 | 65 | 58 |
| NORTHWESTERN | 26 | 36 | 21 | 68 | 73 | 36 | 33 | 49 | 36 | U/A | 41 | U/A | 36 | 52 | 18 | 23 | 52 | 26 |
| NOTRE DAME | 59 | 53 | 49 | 82 | 79 | 42 | 75 | 78 | 65 | 29 | 39 | U/A | 79 | 80 | 82 | 93 | 43 | 75 |
| OHIO | 92 | 77 | 41 | 88 | 76 | 93 | 93 | 26 | 77 | U/A | 79 | U/A | 95 | 18 | 5 | 70 | 102 | 85 |
| OHIO STATE | 19 | 17 | 25 | 38 | 62 | 19 | 24 | 32 | 24 | 16 | 22 | 12 | 9 | 9 | 3 | 29 | 35 | 21 |
| OKLAHOMA | 55 | 91 | 79 | 58 | 3 | 83 | 104 | 83 | 96 | 73 | 102 | 32 | 67 | 43 | 8 | 84 | 105 | 97 |
| OKLAHOMA STATE | 101 | 55 | 65 | 61 | 72 | 98 | 108 | 67 | 104 | 84 | 103 | U/A | 81 | 64 | 77 | 84 | 106 | 98 |
| OREGON | 76 | 49 | 84 | 100 | 35 | 62 | 81 | 86 | 76 | 47 | 58 | 58 | 73 | 59 | 80 | 74 | 89 | 80 |

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| INSTITUTION | TABLES | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| PENNSYLVANIA | 22 | 23 | 24 | 74 | 79 | 17 | 20 | 7 | 15 | 11 | 16 | U/A | 21 | 65 | 7 | 23 | 31 | 25 |
| PENNSYLVANIA STATE | 30 | 29 | 29 | 64 | 79 | 14 | 13 | 34 | 16 | U/A | 17 | 17 | 17 | 27 | 41 | 18 | 4 | 12 |
| PITTSBURGH | 29 | 28 | 42 | 52 | 71 | 25 | 27 | 41 | 28 | U/A | 27 | U/A | 20 | 30 | 61 | 19 | 18 | 19 |
| PRINCETON | 16 | 25 | 27 | 44 | 30 | 7 | 16 | 40 | 12 | U/A | 4 | U/A | 44 | 86 | 95 | 17 | 20 | 24 |
| PURDUE | 77 | 96 | 58 | 95 | 34 | 61 | 72 | 74 | 72 | 83 | 85 | 53 | 33 | 54 | 49 | 64 | 45 | 54 |
| QUEEN'S | 84 | 67 | 103 | 63 | 13 | 89 | 80 | 102 | 89 | 62 | 77 | 61 | 77 | 104 | 76 | 100 | 50 | 88 |
| RICE | 99 | 94 | 107 | 90 | 48 | 67 | 109 | 94 | 99 | U/A | 47 | 77 | 98 | 107 | 103 | 100 | 108 | 109 |
| ROCHESTER | 44 | 100 | 108 | 39 | 28 | 82 | 89 | 80 | 84 | 64 | 78 | 72 | 76 | 53 | 70 | 50 | 98 | 84 |
| RUTGERS | 31 | 34 | 32 | 22 | 2 | 28 | 8 | 58 | 14 | 32 | 50 | U/A | 29 | 75 | 36 | 19 | 13 | 17 |
| SASKATCHEWAN | 108 | 86 | 95 | 78 | 45 | 81 | 102 | 108 | 100 | 79 | 84 | 73 | 69 | 103 | 81 | 104 | 68 | 102 |
| SOUTH CAROLINA | 43 | 51 | 70 | 37 | 20 | 69 | 68 | 33 | 60 | 36 | 54 | U/A | 72 | 78 | 22 | 53 | 66 | 57 |
| SOUTHERN CALIFORNIA | 35 | 73 | 35 | 14 | 33 | 34 | 22 | 24 | 25 | 20 | 34 | 13 | 18 | 95 | 53 | 19 | 48 | 31 |
| SOUTHERN ILLINOIS | 67 | 92 | 74 | 43 | 39 | 64 | 83 | 104 | 82 | 74 | 99 | 41 | 63 | 37 | 20 | 89 | 85 | 68 |
| STANFORD | 10 | 3 | 16 | 27 | 70 | 2 | 2 | 3 | 2 | U/A | 1 | U/A | 4 | 74 | 85 | 5 | 9 | 9 |
| SUNY-ALBANY | 102 | 101 | 85 | 80 | 79 | 104 | 101 | 92 | 107 | 70 | 92 | U/A | 105 | 47 | 52 | 95 | 101 | 104 |
| SUNY-BUFFALO | 40 | 40 | 56 | 28 | U/A | 71 | 52 | 57 | 57 | 35 | 81 | 29 | 71 | 34 | 56 | 33 | 95 | 58 |
| SUNY-STONY BROOK | 94 | 97 | 105 | 47 | 55 | 88 | 77 | 98 | 86 | 69 | 100 | 76 | 83 | 36 | 91 | 98 | 93 | 91 |
| SYRACUSE | 51 | 99 | 82 | 54 | 52 | 96 | 85 | 64 | 85 | 82 | 104 | 38 | 96 | 91 | 84 | 53 | 63 | 64 |
| TEMPLE | 70 | 88 | 92 | 85 | 58 | 68 | 76 | 76 | 73 | 51 | 72 | 65 | 55 | 106 | 93 | 53 | 79 | 73 |
| TENNESSEE | 78 | 70 | 73 | 36 | 74 | 57 | 65 | 70 | 66 | 45 | 65 | 30 | 50 | 79 | 17 | 64 | 48 | 55 |
| TEXAS | 5 | 10 | 10 | 19 | 79 | 29 | 17 | 22 | 20 | 21 | 28 | 9 | 28 | 35 | 29 | 11 | 2 | 6 |
| TEXAS A&M | 66 | 38 | 51 | 29 | 69 | 41 | 53 | 19 | 39 | 43 | 42 | 27 | 60 | 22 | 6 | 45 | 40 | 33 |
| TORONTO | 6 | 2 | 20 | 56 | U/A | 5 | 4 | 72 | 7 | 2 | 3 | 6 | 8 | 63 | 97 | 8 | 3 | 8 |
| TULANE | 88 | 87 | 89 | 89 | 14 | 77 | 97 | 93 | 93 | 61 | 64 | 42 | 94 | 84 | 50 | 76 | 83 | 89 |
| UTAH | 56 | 57 | 86 | 65 | 21 | 46 | 57 | 35 | 49 | U/A | 36 | 51 | 46 | 39 | 68 | 59 | 42 | 39 |
| VANDERBILT | 64 | 63 | 76 | 83 | 56 | 51 | 60 | 38 | 52 | U/A | 61 | 34 | 47 | 89 | 74 | 49 | 46 | 47 |
| VIRGINIA | 24 | 18 | 12 | 31 | 19 | 22 | 28 | 29 | 27 | 13 | 14 | 11 | 51 | 33 | 12 | 33 | 23 | 29 |
| VPI & SU | 93 | 62 | 67 | 8 | 41 | 54 | 99 | 69 | 79 | 63 | 82 | 49 | 64 | 56 | 57 | 102 | 88 | 86 |
| WASHINGTON | 15 | 8 | 9 | 4 | U/A | 11 | 12 | 54 | 13 | 27 | 30 | 2 | 2 | 5 | 90 | 13 | 15 | 14 |
| WASHINGTON STATE | 103 | 103 | 45 | 72 | U/A | 94 | 91 | 79 | 92 | 76 | 91 | U/A | 82 | 46 | 99 | 106 | 92 | 105 |
| WASHINGTON U.-ST. LOUIS | 39 | 39 | 68 | 81 | 75 | 38 | 50 | 30 | 40 | 59 | 60 | 22 | 34 | 28 | 23 | 36 | 46 | 48 |
| WATERLOO | 105 | 105 | 94 | 106 | U/A | 102 | 86 | 107 | 98 | 77 | 89 | U/A | 102 | 105 | 101 | 105 | 71 | 98 |
| WAYNE STATE | 41 | 69 | 46 | 60 | 44 | 58 | 55 | 51 | 54 | 67 | 63 | 31 | 58 | 21 | 78 | 43 | 81 | 53 |
| WESTERN ONTARIO | 74 | 79 | 75 | 67 | 79 | 75 | 64 | 75 | 71 | U/A | 69 | 55 | 62 | 77 | 107 | 96 | 38 | 72 |
| WISCONSIN | 14 | 32 | 15 | 35 | 54 | 15 | 10 | 6 | 9 | 12 | 24 | 5 | 14 | 3 | 28 | 7 | 16 | 11 |
| YALE | 2 | 9 | 8 | 21 | 11 | 3 | 6 | 4 | 3 | 3 | 9 | U/A | 10 | 92 | 59 | 2 | 5 | 5 |
| YORK | 81 | 76 | 100 | 62 | 79 | 90 | 61 | 12 | 51 | 33 | 70 | U/A | 104 | 83 | 106 | 84 | 58 | 74 |

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# RANK ORDER TABLE 1:
# VOLUMES IN LIBRARY

| RANK | INSTITUTION | VALUE | RANK | INSTITUTION | VALUE |
|---|---|---|---|---|---|
| 1 | HARVARD | 13,369,855 | 56 | UTAH | 2,540,550 |
| 2 | YALE | 9,758,341 | 57 | NORTH CAROLINA STATE | 2,540,328 |
| 3 | ILLINOIS, URBANA | 8,840,326 | 58 | MARYLAND | 2,539,110 |
| 4 | CALIFORNIA, BERKELEY | 8,462,123 | 59 | NOTRE DAME | 2,524,921 |
| 5 | TEXAS | 7,329,663 | 60 | CALIFORNIA, SAN DIEGO | 2,469,912 |
| 6 | TORONTO | 6,905,360 | 61 | MIT | 2,448,647 |
| 7 | MICHIGAN | 6,874,648 | 62 | BRIGHAM YOUNG | 2,411,754 |
| 8 | COLUMBIA | 6,792,274 | 63 | AUBURN | 2,401,321 |
| 9 | CALIFORNIA, LOS ANGELES | 6,772,851 | 64 | VANDERBILT | 2,388,311 |
| 10 | STANFORD | 6,746,550 | 65 | NEBRASKA | 2,384,200 |
| 11 | CHICAGO | 5,982,101 | 66 | TEXAS A&M | 2,367,072 |
| 12 | CORNELL | 5,952,217 | 67 | SOUTHERN ILLINOIS | 2,326,357 |
| 13 | INDIANA | 5,790,384 | 68 | EMORY | 2,311,985 |
| 14 | WISCONSIN | 5,737,834 | 69 | CALIFORNIA, SANTA BARBARA | 2,305,494 |
| 15 | WASHINGTON | 5,601,263 | 70 | TEMPLE | 2,301,269 |
| 16 | PRINCETON | 5,405,087 | 71 | HOWARD | 2,299,158 |
| 17 | MINNESOTA | 5,376,090 | 72 | KENT STATE | 2,288,661 |
| 18 | ALBERTA | 5,085,060 | 73 | DELAWARE | 2,259,121 |
| 19 | OHIO STATE | 4,977,610 | 74 | WESTERN ONTARIO | 2,221,940 |
| 20 | NORTH CAROLINA | 4,674,502 | 75 | LAVAL | 2,213,137 |
| 21 | DUKE | 4,534,208 | 76 | OREGON | 2,211,768 |
| 22 | PENNSYLVANIA | 4,437,523 | 77 | PURDUE | 2,201,543 |
| 23 | ARIZONA | 4,343,130 | 78 | TENNESSEE | 2,194,881 |
| 24 | VIRGINIA | 4,276,435 | 79 | DARTMOUTH | 2,179,116 |
| 25 | MICHIGAN STATE | 4,047,477 | 80 | FLORIDA STATE | 2,176,297 |
| 26 | NORTHWESTERN | 3,840,439 | 81 | YORK | 2,161,470 |
| 27 | IOWA | 3,751,596 | 82 | GEORGETOWN | 2,122,911 |
| 28 | BRITISH COLUMBIA | 3,745,735 | 83 | CINCINNATI | 2,113,966 |
| 29 | PITTSBURGH | 3,730,778 | 84 | QUEEN'S | 2,113,953 |
| 30 | PENNSYLVANIA STATE | 3,724,916 | 85 | IOWA STATE | 2,104,204 |
| 31 | RUTGERS | 3,567,690 | 86 | NEW MEXICO | 2,093,086 |
| 32 | NEW YORK | 3,508,001 | 87 | MIAMI | 2,084,131 |
| 33 | KANSAS | 3,450,463 | 88 | TULANE | 2,076,236 |
| 34 | GEORGIA | 3,392,238 | 89 | GUELPH | 2,072,030 |
| 35 | SOUTHERN CALIFORNIA | 3,344,620 | 90 | ALABAMA | 2,057,586 |
| 36 | FLORIDA | 3,258,300 | 91 | BOSTON | 2,051,555 |
| 37 | ARIZONA STATE | 3,175,896 | 92 | OHIO | 2,043,840 |
| 38 | JOHNS HOPKINS | 3,172,679 | 93 | VPI & SU | 1,978,869 |
| 39 | WASHINGTON U.-ST. LOUIS | 3,164,136 | 94 | SUNY-STONY BROOK | 1,963,363 |
| 40 | SUNY-BUFFALO | 2,991,288 | 95 | CASE WESTERN RESERVE | 1,938,840 |
| 41 | WAYNE STATE | 2,960,222 | 96 | CALIFORNIA, IRVINE | 1,917,250 |
| 42 | MCGILL | 2,948,633 | 97 | GEORGIA TECH | 1,916,350 |
| 43 | SOUTH CAROLINA | 2,933,864 | 98 | ILLINOIS, CHICAGO | 1,915,371 |
| 44 | ROCHESTER | 2,922,335 | 99 | RICE | 1,905,042 |
| 45 | HAWAII | 2,888,498 | 100 | HOUSTON | 1,899,229 |
| 46 | LOUISIANA STATE | 2,878,866 | 101 | OKLAHOMA STATE | 1,896,863 |
| 47 | CALIFORNIA, DAVIS | 2,871,796 | 102 | SUNY-ALBANY | 1,842,937 |
| 48 | BROWN | 2,810,163 | 103 | WASHINGTON STATE | 1,833,749 |
| 49 | MISSOURI | 2,768,911 | 104 | CALIFORNIA, RIVERSIDE | 1,801,213 |
| 50 | MASSACHUSETTS | 2,762,244 | 105 | WATERLOO | 1,768,713 |
| 51 | SYRACUSE | 2,692,147 | 106 | MCMASTER | 1,764,841 |
| 52 | COLORADO | 2,672,243 | 107 | MANITOBA | 1,710,480 |
| 53 | KENTUCKY | 2,633,632 | 108 | SASKATCHEWAN | 1,664,881 |
| 54 | CONNECTICUT | 2,626,066 | 109 | COLORADO STATE | 1,656,039 |
| 55 | OKLAHOMA | 2,575,825 | | | |

Figure for some institutions includes government documents. See also Rank Order Table 5: Government Documents.

# RANK ORDER TABLE 2:
# VOLUMES ADDED (GROSS)

| RANK | INSTITUTION | VALUE | RANK | INSTITUTION | VALUE |
|---|---|---|---|---|---|
| 1 | HARVARD | 276,677 | 56 | MASSACHUSETTS | 66,450 |
| 2 | TORONTO | 221,007 | 57 | UTAH | 65,962 |
| 3 | STANFORD | 213,257 | 58 | FLORIDA STATE | 65,066 |
| 4 | CALIFORNIA, LOS ANGELES | 182,599 | 59 | JOHNS HOPKINS | 64,906 |
| 5 | ILLINOIS, URBANA | 181,738 | 60 | GEORGETOWN | 63,610 |
| 6 | CALIFORNIA, BERKELEY | 173,149 | 61 | CALIFORNIA, SANTA BARBARA | 62,401 |
| 7 | INDIANA | 168,830 | 62 | VPI & SU | 61,438 |
| 8 | WASHINGTON | 164,069 | 63 | VANDERBILT | 60,611 |
| 9 | YALE | 160,407 | 64 | BOSTON | 59,813 |
| 10 | TEXAS | 156,552 | 65 | NEBRASKA | 59,450 |
| 11 | CORNELL | 154,473 | 66 | LOUISIANA STATE | 59,061 |
| 12 | COLUMBIA | 153,083 | 67 | QUEEN'S | 58,151 |
| 13 | MINNESOTA | 146,615 | 68 | HOUSTON | 58,002 |
| 14 | MICHIGAN | 140,853 | 69 | WAYNE STATE | 57,856 |
| 15 | CHICAGO | 132,571 | 70 | TENNESSEE | 57,693 |
| 16 | NEW YORK | 131,693 | 71 | MIAMI | 57,628 |
| 17 | OHIO STATE | 129,134 | 72 | DARTMOUTH | 57,447 |
| 18 | VIRGINIA | 126,983 | 73 | SOUTHERN CALIFORNIA | 56,658 |
| 19 | DUKE | 125,367 | 74 | COLORADO STATE | 56,404 |
| 20 | ALBERTA | 124,163 | 75 | IOWA STATE | 55,768 |
| 21 | NORTH CAROLINA | 123,872 | 76 | YORK | 55,684 |
| 22 | CALIFORNIA, SAN DIEGO | 122,395 | 77 | OHIO | 55,625 |
| 23 | PENNSYLVANIA | 119,990 | 78 | CALIFORNIA, IRVINE | 55,321 |
| 24 | ARIZONA | 119,920 | 79 | WESTERN ONTARIO | 54,449 |
| 25 | PRINCETON | 119,314 | 80 | GEORGIA TECH | 53,174 |
| 26 | BRITISH COLUMBIA | 118,290 | 81 | BROWN | 53,018 |
| 27 | MICHIGAN STATE | 115,761 | 82 | BRIGHAM YOUNG | 52,896 |
| 28 | PITTSBURGH | 110,104 | 83 | COLORADO | 52,360 |
| 29 | PENNSYLVANIA STATE | 109,916 | 84 | ILLINOIS, CHICAGO | 52,050 |
| 30 | AUBURN | 108,987 | 85 | ALABAMA | 51,174 |
| 31 | IOWA | 105,601 | 86 | SASKATCHEWAN | 50,654 |
| 32 | WISCONSIN | 105,036 | 87 | TULANE | 49,897 |
| 33 | FLORIDA | 102,531 | 88 | TEMPLE | 49,223 |
| 34 | RUTGERS | 100,952 | 89 | CALIFORNIA, RIVERSIDE | 48,995 |
| 35 | GEORGIA | 99,533 | 90 | KENTUCKY | 48,936 |
| 36 | NORTHWESTERN | 93,130 | 91 | OKLAHOMA | 48,793 |
| 37 | CONNECTICUT | 89,847 | 92 | SOUTHERN ILLINOIS | 47,570 |
| 38 | TEXAS A&M | 89,011 | 93 | MISSOURI | 47,397 |
| 39 | WASHINGTON U.-ST. LOUIS | 86,279 | 94 | RICE | 47,057 |
| 40 | SUNY-BUFFALO | 85,213 | 95 | DELAWARE | 46,821 |
| 41 | MARYLAND | 84,077 | 96 | PURDUE | 46,041 |
| 42 | CALIFORNIA, DAVIS | 82,560 | 97 | SUNY-STONY BROOK | 45,687 |
| 43 | LAVAL | 81,880 | 98 | MIT | 45,613 |
| 44 | ARIZONA STATE | 79,655 | 99 | SYRACUSE | 44,345 |
| 45 | MCGILL | 77,955 | 100 | ROCHESTER | 43,350 |
| 46 | KANSAS | 77,061 | 101 | SUNY-ALBANY | 42,764 |
| 47 | NORTH CAROLINA STATE | 71,695 | 102 | HAWAII | 41,200 |
| 48 | KENT STATE | 71,581 | 103 | WASHINGTON STATE | 36,287 |
| 49 | OREGON | 71,533 | 104 | MANITOBA | 33,844 |
| 50 | EMORY | 71,039 | 105 | WATERLOO | 29,982 |
| 51 | SOUTH CAROLINA | 70,966 | 106 | MCMASTER | 29,034 |
| 52 | CINCINNATI | 70,303 | 107 | CASE WESTERN RESERVE | 28,984 |
| 53 | NOTRE DAME | 70,183 | 108 | HOWARD | 21,433 |
| 54 | NEW MEXICO | 69,482 | 109 | GUELPH | 20,660 |
| 55 | OKLAHOMA STATE | 67,984 | | | |

# Rank Order Table 3:
# Current Serials (Totals)

| Rank | Institution | Value | Rank | Institution | Value |
|---|---|---|---|---|---|
| 1 | HARVARD | 97,568 | 56 | SUNY-BUFFALO + | 21,085 |
| 2 | CALIFORNIA, LOS ANGELES | 95,610 | 57 | COLORADO STATE | 21,081 |
| 3 | ILLINOIS, URBANA | 91,094 | 58 | PURDUE + | 20,542 |
| 4 | CALIFORNIA, BERKELEY | 83,351 | 59 | JOHNS HOPKINS | 20,390 |
| 5 | MICHIGAN | 69,566 | 60 | DARTMOUTH | 20,122 |
| 6 | COLUMBIA | 65,275 | 61 | MIAMI | 19,601 |
| 7 | CORNELL | 61,673 | 62 | CINCINNATI | 19,431 |
| 8 | YALE + | 57,377 | 63 | AUBURN | 19,193 |
| 9 | WASHINGTON | 56,295 | 64 | BRITISH COLUMBIA | 18,996 |
| 10 | TEXAS | 51,562 | 65 | OKLAHOMA STATE | 18,866 |
| 11 | MINNESOTA | 47,867 | 66 | CALIFORNIA, SANTA BARBARA | 18,825 |
| 12 | VIRGINIA | 47,392 | 67 | VPI & SU | 18,737 |
| 13 | CALIFORNIA, DAVIS | 46,655 | 68 | WASHINGTON U.-ST. LOUIS + | 18,601 |
| 14 | GEORGIA | 46,169 | 69 | LOUISIANA STATE | 18,570 |
| 15 | WISCONSIN | 44,818 | 70 | SOUTH CAROLINA | 18,047 |
| 16 | STANFORD + | 44,131 | 71 | MIT | 17,815 |
| 17 | NORTH CAROLINA | 43,571 | 72 | CONNECTICUT + | 17,742 |
| 18 | INDIANA | 41,064 | 73 | TENNESSEE | 17,478 |
| 19 | CHICAGO | 40,711 | 74 | SOUTHERN ILLINOIS + | 17,362 |
| 20 | TORONTO | 39,119 | 75 | WESTERN ONTARIO | 17,038 |
| 21 | NORTHWESTERN | 39,033 | 76 | VANDERBILT + | 17,009 |
| 22 | IOWA | 38,370 | 77 | NEW MEXICO | 16,783 |
| 23 | ARIZONA STATE | 36,254 | 78 | MCGILL | 16,732 |
| 24 | PENNSYLVANIA | 33,530 | 79 | OKLAHOMA | 16,569 |
| 25 | OHIO STATE | 33,280 | 80 | BRIGHAM YOUNG | 16,487 |
| 26 | DUKE + | 33,205 | 81 | ILLINOIS, CHICAGO | 16,463 |
| 27 | PRINCETON | 33,073 | 82 | SYRACUSE | 16,425 |
| 28 | KANSAS | 32,341 | 83 | FLORIDA STATE + | 16,384 |
| 29 | PENNSYLVANIA STATE | 31,806 | 84 | OREGON | 16,259 |
| 30 | NEW YORK | 29,687 | 85 | SUNY-ALBANY | 16,103 |
| 31 | COLORADO | 29,517 | 86 | UTAH | 15,545 |
| 32 | RUTGERS | 29,490 | 87 | MASSACHUSETTS | 15,518 |
| 33 | BOSTON | 28,949 | 88 | HOUSTON + | 15,133 |
| 34 | MICHIGAN STATE | 27,594 | 89 | TULANE + | 14,876 |
| 35 | SOUTHERN CALIFORNIA | 27,419 | 90 | HOWARD + | 14,463 |
| 36 | HAWAII | 27,316 | 91 | ALABAMA | 14,425 |
| 37 | GEORGETOWN + | 27,122 | 92 | TEMPLE | 14,413 |
| 38 | FLORIDA | 26,775 | 93 | LAVAL | 14,369 |
| 39 | KENTUCKY | 26,394 | 94 | WATERLOO | 14,184 |
| 40 | MARYLAND | 26,259 | 95 | SASKATCHEWAN | 13,816 |
| 41 | OHIO | 25,839 | 96 | CASE WESTERN RESERVE | 13,599 |
| 42 | PITTSBURGH | 25,786 | 97 | CALIFORNIA, RIVERSIDE | 13,255 |
| 43 | ALBERTA | 25,673 | 98 | BROWN | 13,101 |
| 44 | ARIZONA | 25,248 | 99 | GEORGIA TECH | 12,726 |
| 45 | WASHINGTON STATE | 25,166 | 100 | YORK | 12,542 |
| 46 | WAYNE STATE | 24,691 | 101 | MCMASTER | 11,976 |
| 47 | EMORY | 24,687 | 102 | DELAWARE + | 11,781 |
| 48 | MISSOURI | 23,618 | 103 | QUEEN'S + | 11,730 |
| 49 | NOTRE DAME | 23,505 | 104 | KENT STATE | 11,676 |
| 50 | CALIFORNIA, SAN DIEGO | 23,421 | 105 | SUNY-STONY BROOK | 11,139 |
| 51 | TEXAS A&M | 22,781 | 106 | GUELPH | 10,375 |
| 52 | NEBRASKA | 21,895 | 107 | RICE | 10,093 |
| 53 | IOWA STATE | 21,775 | 108 | ROCHESTER | 9,829 |
| 54 | NORTH CAROLINA STATE | 21,586 | 109 | MANITOBA + | 9,591 |
| 55 | CALIFORNIA, IRVINE | 21,107 | | | |

+ - Figure does not include government document serials.

# Rank Order Table 4:
# Microform Units

| Rank | Institution | Value | Rank | Institution | Value |
|---|---|---|---|---|---|
| 1 | HARVARD | 7,953,568 | 56 | TORONTO | 3,579,762 |
| 2 | CORNELL | 6,980,459 | 57 | BOSTON | 3,564,394 |
| 3 | ARIZONA STATE | 6,484,688 | 58 | OKLAHOMA | 3,562,814 |
| 4 | WASHINGTON | 6,432,950 | 59 | CALIFORNIA, SANTA BARBARA | 3,463,288 |
| 5 | MISSOURI | 6,365,210 | 60 | WAYNE STATE | 3,417,154 |
| 6 | NEW MEXICO | 6,185,795 | 61 | OKLAHOMA STATE | 3,416,124 |
| 7 | FLORIDA | 6,026,299 | 62 | YORK | 3,396,693 |
| 8 | VPI & SU | 5,962,090 | 63 | QUEEN'S | 3,370,409 |
| 9 | IOWA | 5,819,830 | 64 | PENNSYLVANIA STATE | 3,355,549 |
| 10 | CALIFORNIA, LOS ANGELES | 5,815,667 | 65 | UTAH | 3,344,499 |
| 11 | CALIFORNIA, BERKELEY | 5,675,702 | 66 | DUKE | 3,314,158 |
| 12 | HAWAII | 5,657,508 | 67 | WESTERN ONTARIO | 3,314,155 |
| 13 | KENTUCKY | 5,593,370 | 68 | NORTHWESTERN | 3,284,677 |
| 14 | SOUTHERN CALIFORNIA | 5,588,965 | 69 | ALABAMA | 3,224,111 |
| 15 | COLORADO | 5,569,400 | 70 | EMORY | 3,178,980 |
| 16 | MICHIGAN | 5,566,940 | 71 | MIAMI | 3,110,320 |
| 17 | GEORGIA | 5,507,430 | 72 | WASHINGTON STATE | 3,072,829 |
| 18 | ARIZONA | 5,309,084 | 73 | CINCINNATI | 3,009,059 |
| 19 | TEXAS | 5,295,504 | 74 | PENNSYLVANIA | 2,999,180 |
| 20 | MINNESOTA | 5,242,524 | 75 | KANSAS | 2,983,680 |
| 21 | YALE | 5,240,110 | 76 | IOWA STATE | 2,888,345 |
| 22 | RUTGERS | 5,149,326 | 77 | GEORGETOWN | 2,879,589 |
| 23 | COLUMBIA | 5,124,800 | 78 | SASKATCHEWAN | 2,849,594 |
| 24 | MICHIGAN STATE | 5,101,191 | 79 | DELAWARE | 2,848,718 |
| 25 | MARYLAND | 5,072,884 | 80 | SUNY-ALBANY | 2,814,892 |
| 26 | LOUISIANA STATE | 4,995,722 | 81 | WASHINGTON U.-ST. LOUIS | 2,809,952 |
| 27 | STANFORD | 4,843,443 | 82 | NOTRE DAME | 2,746,657 |
| 28 | SUNY-BUFFALO | 4,740,453 | 83 | VANDERBILT | 2,656,637 |
| 29 | TEXAS A&M | 4,618,364 | 84 | CALIFORNIA, SAN DIEGO | 2,605,157 |
| 30 | ILLINOIS, URBANA | 4,577,775 | 85 | TEMPLE | 2,540,569 |
| 31 | VIRGINIA | 4,569,358 | 86 | DARTMOUTH | 2,436,419 |
| 32 | FLORIDA STATE | 4,545,276 | 87 | ILLINOIS, CHICAGO | 2,415,405 |
| 33 | BRITISH COLUMBIA | 4,456,148 | 88 | OHIO | 2,411,657 |
| 34 | NORTH CAROLINA STATE | 4,427,896 | 89 | TULANE | 2,406,856 |
| 35 | WISCONSIN | 4,392,043 | 90 | RICE | 2,402,575 |
| 36 | TENNESSEE | 4,356,422 | 91 | COLORADO STATE | 2,327,921 |
| 37 | SOUTH CAROLINA | 4,281,147 | 92 | BRIGHAM YOUNG | 2,311,821 |
| 38 | OHIO STATE | 4,196,464 | 93 | CHICAGO | 2,308,586 |
| 39 | ROCHESTER | 4,102,438 | 94 | AUBURN | 2,289,345 |
| 40 | NEBRASKA | 4,062,246 | 95 | PURDUE | 2,259,260 |
| 41 | NORTH CAROLINA | 4,044,679 | 96 | CASE WESTERN RESERVE | 2,226,822 |
| 42 | NEW YORK | 4,001,184 | 97 | MASSACHUSETTS | 2,193,812 |
| 43 | SOUTHERN ILLINOIS | 3,912,487 | 98 | CALIFORNIA, IRVINE | 2,186,867 |
| 44 | PRINCETON | 3,892,428 | 99 | MIT | 2,163,900 |
| 45 | GEORGIA TECH | 3,837,639 | 100 | OREGON | 1,906,570 |
| 46 | CONNECTICUT | 3,827,347 | 101 | CALIFORNIA, RIVERSIDE | 1,615,027 |
| 47 | SUNY-STONY BROOK | 3,768,065 | 102 | BROWN | 1,561,108 |
| 48 | INDIANA | 3,743,511 | 103 | GUELPH | 1,495,483 |
| 49 | HOUSTON | 3,733,365 | 104 | MCMASTER | 1,407,290 |
| 50 | HOWARD | 3,702,296 | 105 | MCGILL | 1,402,613 |
| 51 | CALIFORNIA, DAVIS | 3,689,558 | 106 | WATERLOO | 1,389,614 |
| 52 | PITTSBURGH | 3,651,950 | 107 | MANITOBA | 1,281,570 |
| 53 | ALBERTA | 3,637,355 | 108 | LAVAL | 1,206,230 |
| 54 | SYRACUSE | 3,621,095 | 109 | KENT STATE | 1,167,194 |
| 55 | JOHNS HOPKINS | 3,585,880 | | | |

# RANK ORDER TABLE 5:
# GOVERNMENT DOCUMENTS

| RANK | INSTITUTION | VALUE | RANK | INSTITUTION | VALUE |
|---|---|---|---|---|---|
| 1 | MINNESOTA | 2,910,143 | 56 | VANDERBILT | 228,477 |
| 2 | RUTGERS | 2,635,042 | 57 | CALIFORNIA, SAN DIEGO | 208,323 |
| 3 | OKLAHOMA | 1,740,824 | 58 | TEMPLE | 200,466 |
| 4 | MISSOURI | 1,732,296 | 59 | COLUMBIA | 174,033 |
| 5 | COLORADO | 1,623,397 | 60 | MCMASTER | 158,195 |
| 6 | NORTH CAROLINA | 1,576,559 | 61 | EMORY | 128,532 |
| 7 | DUKE | 1,348,849 | 62 | OHIO STATE | 128,425 |
| 8 | FLORIDA | 1,194,892 | 63 | CALIFORNIA, BERKELEY | 106,259 |
| 9 | ALABAMA | 1,153,248 | 64 | CALIFORNIA, DAVIS | 100,834 |
| 10 | KENTUCKY | 1,147,735 | 65 | LOUISIANA STATE | 84,720 |
| 11 | YALE | 1,069,431 | 66 | CASE WESTERN RESERVE | 76,596 |
| 12 | IOWA | 1,024,507 | 67 | INDIANA | 70,364 |
| 13 | QUEEN'S | 1,000,938 | 68 | CALIFORNIA, LOS ANGELES | 69,882 |
| 14 | TULANE | 979,608 | 69 | TEXAS A&M | 65,519 |
| 15 | GEORGIA | 917,766 | 70 | STANFORD | 34,549 |
| 16 | FLORIDA STATE | 883,559 | 71 | PITTSBURGH | 22,262 |
| 17 | MCGILL | 831,859 | 72 | OKLAHOMA STATE | 16,073 |
| 18 | BRITISH COLUMBIA | 830,415 | 73 | NORTHWESTERN | 6,401 |
| 19 | VIRGINIA | 795,366 | 74 | TENNESSEE | 6,212 |
| 20 | SOUTH CAROLINA | 787,726 | 75 | WASHINGTON U.-ST. LOUIS | 4,000 |
| 21 | UTAH | 765,759 | 76 | OHIO | 1,130 |
| 22 | MARYLAND | 743,194 | 77 | LAVAL | 500 |
| 23 | ARIZONA STATE | 730,430 | 78 | KENT STATE | 137 |
| 24 | KANSAS | 696,618 | 79 | ARIZONA | 0 |
| 25 | ILLINOIS, CHICAGO | 696,109 | 79 | BROWN | 0 |
| 26 | CALIFORNIA, SANTA BARBARA | 667,863 | 79 | DARTMOUTH | 0 |
| 27 | HOUSTON | 651,191 | 79 | GEORGIA TECH | 0 |
| 28 | ROCHESTER | 558,646 | 79 | GUELPH | 0 |
| 29 | NEBRASKA | 540,571 | 79 | HAWAII | 0 |
| 30 | PRINCETON | 530,757 | 79 | IOWA STATE | 0 |
| 31 | MANITOBA | 512,690 | 79 | JOHNS HOPKINS | 0 |
| 32 | MIAMI | 510,111 | 79 | MIT | 0 |
| 33 | SOUTHERN CALIFORNIA | 487,581 | 79 | MICHIGAN | 0 |
| 34 | PURDUE | 481,865 | 79 | MICHIGAN STATE | 0 |
| 35 | OREGON | 468,411 | 79 | NORTH CAROLINA STATE | 0 |
| 36 | ALBERTA | 449,269 | 79 | NOTRE DAME | 0 |
| 37 | GEORGETOWN | 446,802 | 79 | PENNSYLVANIA | 0 |
| 38 | NEW YORK | 421,322 | 79 | PENNSYLVANIA STATE | 0 |
| 39 | SOUTHERN ILLINOIS | 418,174 | 79 | SUNY-ALBANY | 0 |
| 40 | DELAWARE | 416,299 | 79 | TEXAS | 0 |
| 41 | VPI & SU | 399,525 | 79 | WESTERN ONTARIO | 0 |
| 42 | CINCINNATI | 399,121 | 79 | YORK | 0 |
| 43 | AUBURN | 391,818 | 98 | BOSTON | U/A |
| 44 | WAYNE STATE | 380,910 | 98 | CHICAGO | U/A |
| 45 | SASKATCHEWAN | 375,420 | 98 | CONNECTICUT | U/A |
| 46 | CALIFORNIA, RIVERSIDE | 363,741 | 98 | CORNELL | U/A |
| 47 | BRIGHAM YOUNG | 355,439 | 98 | HARVARD | U/A |
| 48 | RICE | 319,698 | 98 | HOWARD | U/A |
| 49 | CALIFORNIA, IRVINE | 319,421 | 98 | ILLINOIS, URBANA | U/A |
| 50 | COLORADO STATE | 316,179 | 98 | SUNY-BUFFALO | U/A |
| 51 | MASSACHUSETTS | 315,238 | 98 | TORONTO | U/A |
| 52 | SYRACUSE | 293,631 | 98 | WASHINGTON | U/A |
| 53 | NEW MEXICO | 285,011 | 98 | WASHINGTON STATE | U/A |
| 54 | WISCONSIN | 271,091 | 98 | WATERLOO | U/A |
| 55 | SUNY-STONY BROOK | 240,746 | | | |

U/A - Unavailable

# RANK ORDER TABLE 6:
# TOTAL LIBRARY MATERIALS EXPENDITURES

| RANK | INSTITUTION | VALUE | RANK | INSTITUTION | VALUE |
|---|---|---|---|---|---|
| 1 | HARVARD | $15,835,910 | 56 | IOWA STATE | $5,042,111 |
| 2 | STANFORD | 13,587,712 | 57 | TENNESSEE | 4,975,353 |
| 3 | YALE | 13,353,000 | 58 | WAYNE STATE | 4,954,820 |
| 4 | MICHIGAN | 12,572,215 | 59 | NEBRASKA | 4,926,550 |
| 5 | TORONTO | 10,063,511 | 60 | KENTUCKY | 4,892,045 |
| 6 | CALIFORNIA, BERKELEY | 9,985,658 | 61 | PURDUE | 4,883,768 |
| 7 | PRINCETON | 9,782,213 | 62 | OREGON | 4,848,267 |
| 8 | COLUMBIA | 9,630,835 | 63 | MCGILL | 4,823,580 |
| 9 | CALIFORNIA, LOS ANGELES | 9,502,100 | 64 | SOUTHERN ILLINOIS | 4,784,989 |
| 10 | CORNELL | 9,159,829 | 65 | DELAWARE | 4,783,698 |
| 11 | WASHINGTON | 9,128,097 | 66 | CONNECTICUT | 4,763,339 |
| 12 | MINNESOTA | 8,789,784 | 67 | RICE | 4,710,551 |
| 13 | NORTH CAROLINA | 8,614,336 | 68 | TEMPLE | 4,709,398 |
| 14 | PENNSYLVANIA STATE | 8,045,636 | 69 | SOUTH CAROLINA | 4,701,778 |
| 15 | WISCONSIN | 8,040,673 | 70 | LAVAL | 4,671,430 |
| 16 | DUKE | 8,023,516 | 71 | SUNY-BUFFALO | 4,653,346 |
| 17 | PENNSYLVANIA | 8,015,076 | 72 | BRIGHAM YOUNG | 4,625,350 |
| 18 | INDIANA | 7,977,911 | 73 | NEW MEXICO | 4,563,672 |
| 19 | OHIO STATE | 7,900,326 | 74 | CALIFORNIA, IRVINE | 4,395,520 |
| 20 | ILLINOIS, URBANA | 7,788,533 | 75 | WESTERN ONTARIO | 4,391,205 |
| 21 | CHICAGO | 7,754,976 | 76 | FLORIDA STATE | 4,385,202 |
| 22 | VIRGINIA | 7,667,486 | 77 | TULANE | 4,343,554 |
| 23 | JOHNS HOPKINS | 7,655,416 | 78 | DARTMOUTH | 4,336,681 |
| 24 | COLORADO | 7,564,265 | 79 | BROWN | 4,256,138 |
| 25 | PITTSBURGH | 7,510,167 | 80 | BOSTON | 4,216,387 |
| 26 | ARIZONA | 7,284,160 | 81 | SASKATCHEWAN | 4,168,626 |
| 27 | NEW YORK | 7,276,221 | 82 | ROCHESTER | 4,153,212 |
| 28 | RUTGERS | 7,199,786 | 83 | OKLAHOMA | 4,118,249 |
| 29 | TEXAS | 7,128,615 | 84 | MASSACHUSETTS | 4,108,093 |
| 30 | EMORY | 7,097,722 | 85 | HOUSTON | 4,102,070 |
| 31 | BRITISH COLUMBIA | 7,004,396 | 86 | COLORADO STATE | 4,029,523 |
| 32 | ARIZONA STATE | 6,972,105 | 87 | CASE WESTERN RESERVE | 4,012,726 |
| 33 | ALBERTA | 6,959,927 | 88 | SUNY-STONY BROOK | 3,901,705 |
| 34 | SOUTHERN CALIFORNIA | 6,958,495 | 89 | QUEEN'S | 3,880,303 |
| 35 | GEORGIA | 6,735,604 | 90 | YORK | 3,843,924 |
| 36 | NORTHWESTERN | 6,471,391 | 91 | HOWARD | 3,731,366 |
| 37 | FLORIDA | 6,467,004 | 92 | MIT | 3,637,605 |
| 38 | WASHINGTON U.-ST. LOUIS | 6,348,160 | 93 | OHIO | 3,636,202 |
| 39 | IOWA | 6,345,483 | 94 | WASHINGTON STATE | 3,579,743 |
| 40 | CALIFORNIA, DAVIS | 6,323,446 | 95 | MCMASTER | 3,561,900 |
| 41 | TEXAS A&M | 6,162,606 | 96 | SYRACUSE | 3,541,454 |
| 42 | NOTRE DAME | 6,018,741 | 97 | GEORGIA TECH | 3,502,671 |
| 43 | GEORGETOWN | 5,844,383 | 98 | OKLAHOMA STATE | 3,488,367 |
| 44 | CALIFORNIA, SAN DIEGO | 5,718,491 | 99 | AUBURN | 3,434,125 |
| 45 | NORTH CAROLINA STATE | 5,681,248 | 100 | CALIFORNIA, SANTA BARBARA | 3,391,780 |
| 46 | UTAH | 5,625,839 | 101 | LOUISIANA STATE | 3,358,379 |
| 47 | MICHIGAN STATE | 5,531,455 | 102 | WATERLOO | 3,352,852 |
| 48 | MIAMI | 5,357,772 | 103 | CALIFORNIA, RIVERSIDE | 3,249,826 |
| 49 | MARYLAND | 5,333,350 | 104 | SUNY-ALBANY | 3,175,138 |
| 50 | CINCINNATI | 5,331,883 | 105 | ALABAMA | 3,158,503 |
| 51 | VANDERBILT | 5,273,836 | 106 | HAWAII | 3,041,572 |
| 52 | KANSAS | 5,256,347 | 107 | KENT STATE | 2,864,561 |
| 53 | ILLINOIS, CHICAGO | 5,248,983 | 108 | MANITOBA | 2,575,068 |
| 54 | VPI & SU | 5,188,268 | 109 | GUELPH | 2,277,516 |
| 55 | MISSOURI | 5,126,482 | | | |

# RANK ORDER TABLE 7:
# TOTAL SALARIES & WAGES EXPENDITURES

| RANK | INSTITUTION | VALUE | RANK | INSTITUTION | VALUE |
|---|---|---|---|---|---|
| 1 | HARVARD | $35,061,457 | 56 | COLORADO | $6,661,418 |
| 2 | STANFORD | 20,633,693 | 57 | UTAH | 6,480,272 |
| 3 | CALIFORNIA, BERKELEY | 19,015,914 | 58 | BRIGHAM YOUNG | 6,473,226 |
| 4 | TORONTO | 18,689,138 | 59 | CINCINNATI | 6,472,406 |
| 5 | CALIFORNIA, LOS ANGELES | 18,580,160 | 60 | VANDERBILT | 6,306,689 |
| 6 | YALE | 16,974,000 | 61 | YORK | 6,213,065 |
| 7 | COLUMBIA | 15,282,540 | 62 | MIT | 6,168,294 |
| 8 | RUTGERS | 15,236,585 | 63 | BROWN | 6,080,392 |
| 9 | MICHIGAN | 14,559,917 | 64 | WESTERN ONTARIO | 6,037,334 |
| 10 | WISCONSIN | 14,524,446 | 65 | TENNESSEE | 5,955,991 |
| 11 | CORNELL | 13,541,675 | 66 | BOSTON | 5,954,040 |
| 12 | WASHINGTON | 13,245,347 | 67 | HAWAII | 5,947,996 |
| 13 | PENNSYLVANIA STATE | 12,841,710 | 68 | SOUTH CAROLINA | 5,814,317 |
| 14 | MINNESOTA | 12,663,381 | 69 | IOWA STATE | 5,807,144 |
| 15 | ILLINOIS, URBANA | 12,555,528 | 70 | MIAMI | 5,795,984 |
| 16 | PRINCETON | 12,510,638 | 71 | MASSACHUSETTS | 5,622,623 |
| 17 | TEXAS | 12,377,812 | 72 | PURDUE | 5,452,317 |
| 18 | NEW YORK | 11,905,693 | 73 | NORTH CAROLINA STATE | 5,451,693 |
| 19 | INDIANA | 10,990,647 | 74 | MANITOBA | 5,416,716 |
| 20 | PENNSYLVANIA | 10,923,785 | 75 | NOTRE DAME | 5,409,632 |
| 21 | BRITISH COLUMBIA | 10,531,865 | 76 | TEMPLE | 5,312,273 |
| 22 | SOUTHERN CALIFORNIA | 10,279,648 | 77 | SUNY-STONY BROOK | 5,280,147 |
| 23 | NORTH CAROLINA | 10,255,434 | 78 | KENT STATE | 5,052,235 |
| 24 | OHIO STATE | 9,834,452 | 79 | DELAWARE | 5,042,223 |
| 25 | CALIFORNIA, SAN DIEGO | 9,422,464 | 80 | QUEEN'S | 5,025,636 |
| 26 | DUKE | 9,268,438 | 81 | OREGON | 4,997,499 |
| 27 | PITTSBURGH | 9,111,379 | 82 | DARTMOUTH | 4,930,757 |
| 28 | VIRGINIA | 9,075,391 | 83 | SOUTHERN ILLINOIS | 4,906,976 |
| 29 | CHICAGO | 9,054,158 | 84 | MISSOURI | 4,877,900 |
| 30 | NEW MEXICO | 8,590,422 | 85 | SYRACUSE | 4,859,128 |
| 31 | ARIZONA STATE | 8,536,261 | 86 | WATERLOO | 4,831,153 |
| 32 | CALIFORNIA, DAVIS | 8,445,160 | 87 | NEBRASKA | 4,773,223 |
| 33 | NORTHWESTERN | 8,411,838 | 88 | MCMASTER | 4,626,493 |
| 34 | ALBERTA | 8,411,149 | 89 | ROCHESTER | 4,625,745 |
| 35 | FLORIDA | 8,389,078 | 90 | CASE WESTERN RESERVE | 4,582,326 |
| 36 | IOWA | 8,293,572 | 91 | WASHINGTON STATE | 4,565,284 |
| 37 | ARIZONA | 8,098,855 | 92 | LOUISIANA STATE | 4,379,797 |
| 38 | JOHNS HOPKINS | 8,077,585 | 93 | OHIO | 4,371,898 |
| 39 | CONNECTICUT | 8,030,796 | 94 | HOWARD | 4,266,554 |
| 40 | MARYLAND | 7,856,657 | 95 | FLORIDA STATE | 4,236,026 |
| 41 | GEORGETOWN | 7,702,209 | 96 | CALIFORNIA, RIVERSIDE | 4,208,096 |
| 42 | MCGILL | 7,646,423 | 97 | TULANE | 4,121,871 |
| 43 | CALIFORNIA, IRVINE | 7,483,935 | 98 | HOUSTON | 4,106,288 |
| 44 | GEORGIA | 7,463,307 | 99 | VPI & SU | 4,012,769 |
| 45 | EMORY | 7,258,805 | 100 | COLORADO STATE | 3,968,345 |
| 46 | KENTUCKY | 7,208,019 | 101 | SUNY-ALBANY | 3,958,061 |
| 47 | MICHIGAN STATE | 7,198,041 | 102 | SASKATCHEWAN | 3,940,440 |
| 48 | CALIFORNIA, SANTA BARBARA | 7,196,046 | 103 | ALABAMA | 3,908,622 |
| 49 | ILLINOIS, CHICAGO | 7,096,363 | 104 | OKLAHOMA | 3,665,655 |
| 50 | WASHINGTON U.-ST. LOUIS | 7,084,422 | 105 | AUBURN | 3,615,846 |
| 51 | LAVAL | 6,939,961 | 106 | GUELPH | 3,565,665 |
| 52 | SUNY-BUFFALO | 6,836,033 | 107 | GEORGIA TECH | 3,129,805 |
| 53 | TEXAS A&M | 6,777,685 | 108 | OKLAHOMA STATE | 3,101,427 |
| 54 | KANSAS | 6,684,156 | 109 | RICE | 3,052,807 |
| 55 | WAYNE STATE | 6,666,623 | | | |

# Rank Order Table 8:
# Other Operating Expenditures

| Rank | Institution | Value | Rank | Institution | Value |
|---|---|---|---|---|---|
| 1 | HARVARD | $15,421,479 | 56 | BOSTON | $1,976,105 |
| 2 | CALIFORNIA, LOS ANGELES | 8,709,495 | 57 | SUNY-BUFFALO | 1,944,721 |
| 3 | STANFORD | 7,608,201 | 58 | RUTGERS | 1,806,413 |
| 4 | YALE | 7,171,600 | 59 | CALIFORNIA, IRVINE | 1,797,199 |
| 5 | MICHIGAN | 5,634,231 | 60 | FLORIDA | 1,756,541 |
| 6 | WISCONSIN | 5,241,325 | 61 | CALIFORNIA, SANTA BARBARA | 1,736,729 |
| 7 | PENNSYLVANIA | 5,005,224 | 62 | BRIGHAM YOUNG | 1,693,546 |
| 8 | MINNESOTA | 4,831,491 | 63 | CINCINNATI | 1,684,045 |
| 9 | CORNELL | 4,712,754 | 64 | SYRACUSE | 1,671,897 |
| 10 | CALIFORNIA, BERKELEY | 4,527,273 | 65 | KENT STATE | 1,668,191 |
| 11 | DUKE | 4,204,340 | 66 | GEORGIA | 1,662,876 |
| 12 | YORK | 4,142,962 | 67 | OKLAHOMA STATE | 1,647,995 |
| 13 | CHICAGO | 3,704,724 | 68 | ILLINOIS, CHICAGO | 1,608,213 |
| 14 | INDIANA | 3,672,269 | 69 | VPI & SU | 1,605,782 |
| 15 | EMORY | 3,622,076 | 70 | TENNESSEE | 1,566,744 |
| 16 | NEW MEXICO | 3,486,213 | 71 | MIT | 1,565,277 |
| 17 | JOHNS HOPKINS | 3,475,450 | 72 | TORONTO | 1,545,661 |
| 18 | ARIZONA STATE | 3,450,124 | 73 | DARTMOUTH | 1,516,101 |
| 19 | TEXAS A&M | 3,330,173 | 74 | PURDUE | 1,497,411 |
| 20 | COLUMBIA | 3,291,050 | 75 | WESTERN ONTARIO | 1,433,496 |
| 21 | ILLINOIS, URBANA | 3,263,017 | 76 | TEMPLE | 1,405,945 |
| 22 | TEXAS | 3,118,784 | 77 | COLORADO STATE | 1,388,244 |
| 23 | ARIZONA | 3,104,861 | 78 | NOTRE DAME | 1,377,130 |
| 24 | SOUTHERN CALIFORNIA | 3,073,031 | 79 | WASHINGTON STATE | 1,326,524 |
| 25 | NEW YORK | 3,026,657 | 80 | ROCHESTER | 1,288,315 |
| 26 | OHIO | 2,987,083 | 81 | ALABAMA | 1,235,313 |
| 27 | NORTH CAROLINA | 2,893,266 | 82 | DELAWARE | 1,210,539 |
| 28 | KENTUCKY | 2,830,243 | 83 | OKLAHOMA | 1,181,132 |
| 29 | VIRGINIA | 2,828,034 | 84 | HOWARD | 1,175,102 |
| 30 | WASHINGTON U.-ST. LOUIS | 2,788,501 | 85 | COLORADO | 1,158,968 |
| 31 | BROWN | 2,758,496 | 86 | OREGON | 1,131,254 |
| 32 | OHIO STATE | 2,752,809 | 87 | CASE WESTERN RESERVE | 1,130,371 |
| 33 | SOUTH CAROLINA | 2,750,420 | 88 | AUBURN | 1,119,812 |
| 34 | PENNSYLVANIA STATE | 2,675,440 | 89 | CALIFORNIA, DAVIS | 1,091,604 |
| 35 | UTAH | 2,672,761 | 90 | NEBRASKA | 1,020,652 |
| 36 | IOWA | 2,592,852 | 91 | GEORGIA TECH | 1,016,553 |
| 37 | CONNECTICUT | 2,586,089 | 92 | SUNY-ALBANY | 1,014,566 |
| 38 | VANDERBILT | 2,512,408 | 93 | TULANE | 1,004,658 |
| 39 | KANSAS | 2,504,230 | 94 | RICE | 960,066 |
| 40 | PRINCETON | 2,449,203 | 95 | LOUISIANA STATE | 922,856 |
| 41 | PITTSBURGH | 2,424,195 | 96 | MASSACHUSETTS | 916,027 |
| 42 | CALIFORNIA, SAN DIEGO | 2,413,160 | 97 | HAWAII | 883,667 |
| 43 | IOWA STATE | 2,405,734 | 98 | SUNY-STONY BROOK | 874,437 |
| 44 | GEORGETOWN | 2,368,610 | 99 | MANITOBA | 834,092 |
| 45 | BRITISH COLUMBIA | 2,366,921 | 100 | MCGILL | 817,311 |
| 46 | MARYLAND | 2,343,461 | 101 | FLORIDA STATE | 788,583 |
| 47 | MISSOURI | 2,333,895 | 102 | QUEEN'S | 755,404 |
| 48 | NORTH CAROLINA STATE | 2,276,253 | 103 | GUELPH | 729,271 |
| 49 | NORTHWESTERN | 2,203,757 | 104 | SOUTHERN ILLINOIS | 687,989 |
| 50 | HOUSTON | 2,170,151 | 105 | CALIFORNIA, RIVERSIDE | 658,342 |
| 51 | WAYNE STATE | 2,156,298 | 106 | LAVAL | 653,332 |
| 52 | ALBERTA | 2,143,093 | 107 | WATERLOO | 621,277 |
| 53 | MIAMI | 2,091,314 | 108 | SASKATCHEWAN | 597,921 |
| 54 | WASHINGTON | 2,052,632 | 109 | MCMASTER | 445,760 |
| 55 | MICHIGAN STATE | 2,018,360 | | | |

# RANK ORDER TABLE 9:
# TOTAL LIBRARY EXPENDITURES

| RANK | INSTITUTION | VALUE | RANK | INSTITUTION | VALUE |
|---|---|---|---|---|---|
| 1 | HARVARD | $67,271,257 | 56 | CINCINNATI | $13,616,852 |
| 2 | STANFORD | 42,424,434 | 57 | SUNY-BUFFALO | 13,583,223 |
| 3 | YALE | 37,949,600 | 58 | NORTH CAROLINA STATE | 13,528,175 |
| 4 | CALIFORNIA, LOS ANGELES | 37,384,937 | 59 | MCGILL | 13,482,730 |
| 5 | CALIFORNIA, BERKELEY | 34,293,434 | 60 | SOUTH CAROLINA | 13,455,071 |
| 6 | MICHIGAN | 33,101,829 | 61 | IOWA STATE | 13,417,884 |
| 7 | TORONTO | 30,587,234 | 62 | MIAMI | 13,380,873 |
| 8 | COLUMBIA | 28,917,183 | 63 | BROWN | 13,314,756 |
| 9 | WISCONSIN | 28,003,243 | 64 | BRIGHAM YOUNG | 12,985,681 |
| 10 | CORNELL | 27,603,034 | 65 | NOTRE DAME | 12,936,200 |
| 11 | MINNESOTA | 26,696,016 | 66 | TENNESSEE | 12,627,672 |
| 12 | PRINCETON | 25,277,041 | 67 | CALIFORNIA, SANTA BARBARA | 12,492,592 |
| 13 | WASHINGTON | 24,650,961 | 68 | MISSOURI | 12,468,461 |
| 14 | RUTGERS | 24,494,063 | 69 | BOSTON | 12,338,206 |
| 15 | PENNSYLVANIA | 24,241,866 | 70 | LAVAL | 12,281,877 |
| 16 | PENNSYLVANIA STATE | 24,039,187 | 71 | WESTERN ONTARIO | 12,002,400 |
| 17 | ILLINOIS, URBANA | 23,934,783 | 72 | PURDUE | 11,943,093 |
| 18 | INDIANA | 22,965,123 | 73 | TEMPLE | 11,586,124 |
| 19 | NEW YORK | 22,847,502 | 74 | MIT | 11,554,114 |
| 20 | TEXAS | 22,808,245 | 75 | DELAWARE | 11,151,864 |
| 21 | NORTH CAROLINA | 22,030,930 | 76 | OREGON | 11,118,319 |
| 22 | DUKE | 21,742,656 | 77 | OHIO | 11,082,226 |
| 23 | CHICAGO | 20,906,976 | 78 | DARTMOUTH | 10,991,740 |
| 24 | OHIO STATE | 20,733,898 | 79 | VPI & SU | 10,981,470 |
| 25 | SOUTHERN CALIFORNIA | 20,560,601 | 80 | NEBRASKA | 10,885,813 |
| 26 | BRITISH COLUMBIA | 20,052,667 | 81 | MASSACHUSETTS | 10,769,749 |
| 27 | VIRGINIA | 19,893,696 | 82 | SOUTHERN ILLINOIS | 10,557,991 |
| 28 | PITTSBURGH | 19,366,751 | 83 | HOUSTON | 10,485,426 |
| 29 | JOHNS HOPKINS | 19,343,986 | 84 | ROCHESTER | 10,161,137 |
| 30 | ARIZONA STATE | 19,155,280 | 85 | SYRACUSE | 10,157,983 |
| 31 | ARIZONA | 18,752,887 | 86 | SUNY-STONY BROOK | 10,140,289 |
| 32 | EMORY | 18,165,894 | 87 | HAWAII | 10,046,787 |
| 33 | CALIFORNIA, SAN DIEGO | 17,865,595 | 88 | CASE WESTERN RESERVE | 9,822,453 |
| 34 | ALBERTA | 17,622,878 | 89 | QUEEN'S | 9,770,937 |
| 35 | IOWA | 17,423,528 | 90 | KENT STATE | 9,712,757 |
| 36 | NORTHWESTERN | 17,272,299 | 91 | FLORIDA STATE | 9,629,236 |
| 37 | FLORIDA | 16,840,598 | 92 | WASHINGTON STATE | 9,568,501 |
| 38 | NEW MEXICO | 16,820,232 | 93 | TULANE | 9,559,005 |
| 39 | TEXAS A&M | 16,414,550 | 94 | COLORADO STATE | 9,546,112 |
| 40 | WASHINGTON U.-ST. LOUIS | 16,324,638 | 95 | HOWARD | 9,254,816 |
| 41 | CALIFORNIA, DAVIS | 16,155,660 | 96 | OKLAHOMA | 9,062,040 |
| 42 | GEORGETOWN | 16,135,696 | 97 | MANITOBA | 8,927,252 |
| 43 | GEORGIA | 16,125,303 | 98 | WATERLOO | 8,867,830 |
| 44 | MARYLAND | 15,719,663 | 99 | RICE | 8,778,724 |
| 45 | CONNECTICUT | 15,682,284 | 100 | SASKATCHEWAN | 8,771,183 |
| 46 | COLORADO | 15,576,781 | 101 | LOUISIANA STATE | 8,760,005 |
| 47 | KENTUCKY | 15,081,506 | 102 | MCMASTER | 8,725,065 |
| 48 | MICHIGAN STATE | 15,029,566 | 103 | ALABAMA | 8,539,134 |
| 49 | UTAH | 14,977,554 | 104 | OKLAHOMA STATE | 8,344,677 |
| 50 | KANSAS | 14,640,696 | 105 | CALIFORNIA, RIVERSIDE | 8,300,639 |
| 51 | YORK | 14,350,322 | 106 | AUBURN | 8,272,354 |
| 52 | VANDERBILT | 14,287,980 | 107 | SUNY-ALBANY | 8,227,613 |
| 53 | ILLINOIS, CHICAGO | 14,085,898 | 108 | GEORGIA TECH | 7,736,966 |
| 54 | WAYNE STATE | 13,900,575 | 109 | GUELPH | 6,647,294 |
| 55 | CALIFORNIA, IRVINE | 13,870,378 | | | |

# Rank Order Table 10:
# Monographs Purchased (Volumes)

| Rank | Institution | Value | Rank | Institution | Value |
|---|---|---|---|---|---|
| 1 | CALIFORNIA, LOS ANGELES | 149,279 | 56 | COLORADO STATE | 25,428 |
| 2 | TORONTO | 119,847 | 57 | HOUSTON | 25,120 |
| 3 | YALE | 108,999 | 58 | MIAMI | 24,600 |
| 4 | NEW YORK | 68,580 | 59 | WASHINGTON U.-ST. LOUIS | 24,375 |
| 5 | ILLINOIS, URBANA | 66,878 | 60 | AUBURN | 23,826 |
| 6 | CHICAGO | 65,718 | 61 | TULANE | 23,301 |
| 7 | ARIZONA STATE | 64,371 | 62 | QUEEN'S | 21,804 |
| 8 | NORTH CAROLINA | 63,560 | 63 | VPI & SU | 21,726 |
| 9 | CALIFORNIA, SAN DIEGO | 62,104 | 64 | ROCHESTER | 21,128 |
| 10 | GEORGIA | 61,757 | 65 | ALABAMA | 20,699 |
| 11 | PENNSYLVANIA | 59,542 | 66 | CONNECTICUT | 20,623 |
| 12 | WISCONSIN | 58,660 | 67 | WAYNE STATE | 20,069 |
| 13 | VIRGINIA | 58,286 | 68 | BOSTON | 19,979 |
| 14 | INDIANA | 56,500 | 69 | SUNY-STONY BROOK | 19,925 |
| 15 | BRITISH COLUMBIA | 54,610 | 70 | SUNY-ALBANY | 19,789 |
| 16 | OHIO STATE | 53,333 | 71 | HOWARD | 19,130 |
| 17 | COLORADO | 51,020 | 72 | NEBRASKA | 18,965 |
| 18 | ARIZONA | 50,555 | 73 | OKLAHOMA | 18,173 |
| 19 | DUKE | 49,181 | 74 | SOUTHERN ILLINOIS | 18,091 |
| 20 | SOUTHERN CALIFORNIA | 47,608 | 75 | MCMASTER | 17,600 |
| 21 | TEXAS | 47,512 | 76 | WASHINGTON STATE | 17,255 |
| 22 | NORTH CAROLINA STATE | 43,022 | 77 | WATERLOO | 17,202 |
| 23 | FLORIDA | 42,341 | 78 | KENTUCKY | 17,198 |
| 24 | IOWA | 42,040 | 79 | SASKATCHEWAN | 17,153 |
| 25 | BRIGHAM YOUNG | 40,935 | 80 | MIT | 16,830 |
| 26 | JOHNS HOPKINS | 40,327 | 81 | CALIFORNIA, IRVINE | 16,594 |
| 27 | WASHINGTON | 40,227 | 82 | SYRACUSE | 15,138 |
| 28 | KANSAS | 39,402 | 83 | PURDUE | 15,066 |
| 29 | NOTRE DAME | 37,994 | 84 | OKLAHOMA STATE | 14,513 |
| 30 | MARYLAND | 37,288 | 85 | KENT STATE | 14,035 |
| 31 | MINNESOTA | 35,980 | 86 | CASE WESTERN RESERVE | 13,544 |
| 32 | RUTGERS | 35,788 | 87 | LOUISIANA STATE | 13,268 |
| 33 | YORK | 35,603 | 88 | MANITOBA | 12,944 |
| 34 | ALBERTA | 35,538 | 89 | GEORGIA TECH | 11,731 |
| 35 | SUNY-BUFFALO | 35,371 | 90 | GUELPH | 11,688 |
| 36 | SOUTH CAROLINA | 35,308 | 91 | HAWAII | 9,471 |
| 37 | DARTMOUTH | 34,461 | 92 | CALIFORNIA, BERKELEY | U/A |
| 38 | CALIFORNIA, SANTA BARBARA | 33,558 | 92 | CALIFORNIA, DAVIS | U/A |
| 39 | DELAWARE | 33,332 | 92 | COLUMBIA | U/A |
| 40 | MASSACHUSETTS | 31,801 | 92 | CORNELL | U/A |
| 41 | MICHIGAN STATE | 31,136 | 92 | EMORY | U/A |
| 42 | GEORGETOWN | 30,485 | 92 | FLORIDA STATE | U/A |
| 43 | TEXAS A&M | 30,479 | 92 | HARVARD | U/A |
| 44 | MCGILL | 30,477 | 92 | MICHIGAN | U/A |
| 45 | TENNESSEE | 30,302 | 92 | NORTHWESTERN | U/A |
| 46 | NEW MEXICO | 29,568 | 92 | OHIO | U/A |
| 47 | OREGON | 29,543 | 92 | PENNSYLVANIA STATE | U/A |
| 48 | CINCINNATI | 29,483 | 92 | PITTSBURGH | U/A |
| 49 | CALIFORNIA, RIVERSIDE | 29,221 | 92 | PRINCETON | U/A |
| 50 | BROWN | 27,302 | 92 | RICE | U/A |
| 51 | TEMPLE | 27,139 | 92 | STANFORD | U/A |
| 52 | ILLINOIS, CHICAGO | 26,586 | 92 | UTAH | U/A |
| 53 | MISSOURI | 26,276 | 92 | VANDERBILT | U/A |
| 54 | IOWA STATE | 26,262 | 92 | WESTERN ONTARIO | U/A |
| 55 | LAVAL | 25,560 | | | |

U/A - Unavailable

# RANK ORDER TABLE 11:
# EXPENDITURES FOR MONOGRAPHS

| RANK | INSTITUTION | VALUE | RANK | INSTITUTION | VALUE |
|---|---|---|---|---|---|
| 1 | STANFORD | $7,336,415 | 56 | FLORIDA | $1,420,657 |
| 2 | HARVARD | 6,735,483 | 57 | NEW MEXICO | 1,383,344 |
| 3 | TORONTO | 4,533,608 | 58 | OREGON | 1,373,363 |
| 4 | PRINCETON | 4,478,534 | 59 | DARTMOUTH | 1,343,680 |
| 5 | CALIFORNIA, LOS ANGELES | 4,398,432 | 60 | WASHINGTON U.-ST. LOUIS | 1,315,720 |
| 6 | MICHIGAN | 4,352,773 | 61 | VANDERBILT | 1,314,645 |
| 7 | CALIFORNIA, BERKELEY | 4,286,731 | 62 | IOWA STATE | 1,311,117 |
| 8 | COLUMBIA | 3,613,452 | 63 | WAYNE STATE | 1,305,299 |
| 9 | YALE | 3,544,000 | 64 | TULANE | 1,287,055 |
| 10 | CHICAGO | 3,478,010 | 65 | TENNESSEE | 1,273,088 |
| 11 | CORNELL | 3,144,674 | 66 | CALIFORNIA, SANTA BARBARA | 1,249,570 |
| 12 | NEW YORK | 2,800,572 | 67 | ILLINOIS, CHICAGO | 1,240,417 |
| 13 | DUKE | 2,774,272 | 68 | MASSACHUSETTS | 1,185,661 |
| 14 | VIRGINIA | 2,733,676 | 69 | WESTERN ONTARIO | 1,183,492 |
| 15 | EMORY | 2,725,579 | 70 | YORK | 1,177,014 |
| 16 | PENNSYLVANIA | 2,708,593 | 71 | CALIFORNIA, RIVERSIDE | 1,176,402 |
| 17 | PENNSYLVANIA STATE | 2,610,151 | 72 | TEMPLE | 1,132,154 |
| 18 | ALBERTA | 2,581,632 | 73 | CALIFORNIA, IRVINE | 1,123,578 |
| 19 | ARIZONA STATE | 2,569,212 | 74 | COLORADO STATE | 1,116,096 |
| 20 | INDIANA | 2,537,587 | 75 | FLORIDA STATE | 1,113,724 |
| 21 | NORTH CAROLINA | 2,487,381 | 76 | AUBURN | 1,063,712 |
| 22 | OHIO STATE | 2,477,200 | 77 | QUEEN'S | 1,060,851 |
| 23 | ILLINOIS, URBANA | 2,446,576 | 78 | ROCHESTER | 1,053,683 |
| 24 | WISCONSIN | 2,407,929 | 79 | OHIO | 1,050,229 |
| 25 | MINNESOTA | 2,353,557 | 80 | MIAMI | 1,043,452 |
| 26 | CALIFORNIA, DAVIS | 2,340,876 | 81 | SUNY-BUFFALO | 1,024,859 |
| 27 | PITTSBURGH | 2,287,475 | 82 | VPI & SU | 1,015,318 |
| 28 | TEXAS | 2,265,511 | 83 | HOUSTON | 1,003,623 |
| 29 | GEORGIA | 2,221,191 | 84 | SASKATCHEWAN | 972,246 |
| 30 | WASHINGTON | 2,197,434 | 85 | PURDUE | 956,311 |
| 31 | ARIZONA | 2,075,566 | 86 | NEBRASKA | 905,579 |
| 32 | JOHNS HOPKINS | 2,035,885 | 87 | LAVAL | 901,354 |
| 33 | BRIGHAM YOUNG | 2,004,248 | 88 | KENTUCKY | 888,816 |
| 34 | SOUTHERN CALIFORNIA | 1,972,213 | 89 | WATERLOO | 877,793 |
| 35 | COLORADO | 1,937,682 | 90 | LOUISIANA STATE | 852,706 |
| 36 | UTAH | 1,927,772 | 91 | WASHINGTON STATE | 821,364 |
| 37 | DELAWARE | 1,923,623 | 92 | SUNY-ALBANY | 795,480 |
| 38 | MARYLAND | 1,922,149 | 93 | KENT STATE | 782,758 |
| 39 | NOTRE DAME | 1,921,252 | 94 | MCMASTER | 779,400 |
| 40 | IOWA | 1,915,660 | 95 | GEORGIA TECH | 776,973 |
| 41 | NORTHWESTERN | 1,882,871 | 96 | MIT | 769,102 |
| 42 | TEXAS A&M | 1,826,079 | 97 | ALABAMA | 767,082 |
| 43 | MISSOURI | 1,769,499 | 98 | BOSTON | 720,008 |
| 44 | MICHIGAN STATE | 1,740,983 | 99 | SOUTHERN ILLINOIS | 706,481 |
| 45 | NORTH CAROLINA STATE | 1,737,901 | 100 | SUNY-STONY BROOK | 699,390 |
| 46 | KANSAS | 1,724,828 | 101 | MANITOBA | 696,883 |
| 47 | RICE | 1,722,081 | 102 | OKLAHOMA | 690,324 |
| 48 | CALIFORNIA, SAN DIEGO | 1,720,588 | 103 | OKLAHOMA STATE | 686,219 |
| 49 | GEORGETOWN | 1,647,707 | 104 | SYRACUSE | 685,086 |
| 50 | RUTGERS | 1,639,607 | 105 | CONNECTICUT | 660,693 |
| 51 | BROWN | 1,593,226 | 106 | CASE WESTERN RESERVE | 658,107 |
| 52 | BRITISH COLUMBIA | 1,577,302 | 107 | GUELPH | 601,001 |
| 53 | MCGILL | 1,530,766 | 108 | HOWARD | 478,084 |
| 54 | SOUTH CAROLINA | 1,444,015 | 109 | HAWAII | 249,168 |
| 55 | CINCINNATI | 1,430,040 | | | |

# RANK ORDER TABLE 12:
# CURRENT SERIALS PURCHASED (SUBSCRIPTIONS)

| RANK | INSTITUTION | VALUE | RANK | INSTITUTION | VALUE |
|---|---|---|---|---|---|
| 1 | COLUMBIA | 40,263 | 56 | MCGILL | 11,639 |
| 2 | WASHINGTON | 36,665 | 57 | CALIFORNIA, IRVINE | 11,285 |
| 3 | MICHIGAN | 35,184 | 58 | OREGON | 11,262 |
| 4 | MINNESOTA | 33,598 | 59 | CALIFORNIA, SANTA BARBARA | 11,187 |
| 5 | WISCONSIN | 33,424 | 60 | CASE WESTERN RESERVE | 11,123 |
| 6 | TORONTO | 30,657 | 61 | QUEEN'S | 11,026 |
| 7 | NEW YORK | 28,741 | 62 | NORTH CAROLINA STATE | 10,782 |
| 8 | INDIANA | 27,820 | 63 | LAVAL | 10,762 |
| 9 | TEXAS | 27,209 | 64 | MASSACHUSETTS | 10,648 |
| 10 | GEORGETOWN | 25,080 | 65 | TEMPLE | 10,452 |
| 11 | VIRGINIA | 24,940 | 66 | BROWN | 10,243 |
| 12 | OHIO STATE | 24,331 | 67 | ALABAMA | 9,807 |
| 13 | SOUTHERN CALIFORNIA | 21,871 | 68 | BRIGHAM YOUNG | 9,504 |
| 14 | ARIZONA STATE | 21,768 | 69 | DELAWARE | 9,381 |
| 15 | NORTH CAROLINA | 21,692 | 70 | MIT | 9,211 |
| 16 | ARIZONA | 21,682 | 71 | COLORADO STATE | 9,025 |
| 17 | PENNSYLVANIA STATE | 21,067 | 72 | ROCHESTER | 8,936 |
| 18 | FLORIDA | 20,454 | 73 | SASKATCHEWAN | 8,693 |
| 19 | ALBERTA | 19,569 | 74 | MCMASTER | 8,447 |
| 20 | IOWA | 19,393 | 75 | MANITOBA | 8,323 |
| 21 | COLORADO | 18,347 | 76 | SUNY-STONY BROOK | 8,125 |
| 22 | WASHINGTON U.-ST. LOUIS | 18,257 | 77 | RICE | 7,982 |
| 23 | KANSAS | 17,884 | 78 | AUBURN | 7,819 |
| 24 | HAWAII | 17,753 | 79 | KENT STATE | 7,734 |
| 25 | EMORY | 17,357 | 80 | CALIFORNIA, RIVERSIDE | 7,393 |
| 26 | BOSTON | 17,285 | 81 | GEORGIA TECH | 6,159 |
| 27 | TEXAS A&M | 17,017 | 82 | CALIFORNIA, BERKELEY | U/A |
| 28 | DARTMOUTH | 16,821 | 82 | CALIFORNIA, DAVIS | U/A |
| 29 | SUNY-BUFFALO | 16,550 | 82 | CALIFORNIA, LOS ANGELES | U/A |
| 30 | TENNESSEE | 16,306 | 82 | CHICAGO | U/A |
| 31 | WAYNE STATE | 16,232 | 82 | CINCINNATI | U/A |
| 32 | OKLAHOMA | 16,155 | 82 | CORNELL | U/A |
| 33 | CONNECTICUT | 16,067 | 82 | DUKE | U/A |
| 34 | VANDERBILT | 15,859 | 82 | FLORIDA STATE | U/A |
| 35 | MIAMI | 15,835 | 82 | GEORGIA | U/A |
| 36 | CALIFORNIA, SAN DIEGO | 15,402 | 82 | GUELPH | U/A |
| 37 | JOHNS HOPKINS | 15,377 | 82 | HARVARD | U/A |
| 38 | SYRACUSE | 15,369 | 82 | ILLINOIS, URBANA | U/A |
| 39 | ILLINOIS, CHICAGO | 15,161 | 82 | MISSOURI | U/A |
| 40 | IOWA STATE | 15,069 | 82 | NORTHWESTERN | U/A |
| 41 | SOUTHERN ILLINOIS | 14,996 | 82 | NOTRE DAME | U/A |
| 42 | TULANE | 14,718 | 82 | OHIO | U/A |
| 43 | MARYLAND | 14,376 | 82 | OKLAHOMA STATE | U/A |
| 44 | HOUSTON | 14,334 | 82 | PENNSYLVANIA | U/A |
| 45 | KENTUCKY | 14,227 | 82 | PITTSBURGH | U/A |
| 46 | BRITISH COLUMBIA | 14,188 | 82 | PRINCETON | U/A |
| 47 | HOWARD | 14,106 | 82 | RUTGERS | U/A |
| 48 | MICHIGAN STATE | 13,231 | 82 | SOUTH CAROLINA | U/A |
| 49 | VPI & SU | 12,987 | 82 | STANFORD | U/A |
| 50 | LOUISIANA STATE | 12,790 | 82 | SUNY-ALBANY | U/A |
| 51 | UTAH | 12,692 | 82 | WASHINGTON STATE | U/A |
| 52 | NEBRASKA | 12,432 | 82 | WATERLOO | U/A |
| 53 | PURDUE | 12,310 | 82 | YALE | U/A |
| 54 | NEW MEXICO | 12,266 | 82 | YORK | U/A |
| 55 | WESTERN ONTARIO | 11,661 | | | |

U/A - Unavailable

# RANK ORDER TABLE 13:
# EXPENDITURES FOR CURRENT SERIALS

| RANK | INSTITUTION | VALUE | RANK | INSTITUTION | VALUE |
|---|---|---|---|---|---|
| 1 | MICHIGAN | 7,429,048 | 56 | MISSOURI | 3,356,983 |
| 2 | WASHINGTON | 6,930,663 | 57 | CASE WESTERN RESERVE | 3,328,195 |
| 3 | HARVARD | 6,926,565 | 58 | WAYNE STATE | 3,304,123 |
| 4 | STANFORD | 6,251,297 | 59 | IOWA STATE | 3,298,860 |
| 5 | COLUMBIA | 6,017,383 | 60 | TEXAS A&M | 3,264,894 |
| 6 | CALIFORNIA, BERKELEY | 5,698,927 | 61 | KANSAS | 3,250,221 |
| 7 | MINNESOTA | 5,532,887 | 62 | WESTERN ONTARIO | 3,207,713 |
| 8 | TORONTO | 5,529,903 | 63 | SOUTHERN ILLINOIS | 3,206,095 |
| 9 | OHIO STATE | 5,423,126 | 64 | VPI & SU | 3,185,667 |
| 10 | YALE | 5,166,000 | 65 | MARYLAND | 3,154,953 |
| 11 | CORNELL | 4,989,490 | 66 | CALIFORNIA, IRVINE | 3,145,945 |
| 12 | DUKE | 4,873,710 | 67 | OKLAHOMA | 3,144,795 |
| 13 | BRITISH COLUMBIA | 4,867,009 | 68 | FLORIDA STATE | 3,095,972 |
| 14 | WISCONSIN | 4,695,634 | 69 | SASKATCHEWAN | 3,091,624 |
| 15 | ILLINOIS, URBANA | 4,671,760 | 70 | BOSTON | 3,043,404 |
| 16 | NORTH CAROLINA | 4,633,027 | 71 | SUNY-BUFFALO | 3,021,069 |
| 17 | PENNSYLVANIA STATE | 4,614,866 | 72 | SOUTH CAROLINA | 2,986,011 |
| 18 | SOUTHERN CALIFORNIA | 4,571,562 | 73 | OREGON | 2,891,599 |
| 19 | CALIFORNIA, LOS ANGELES | 4,570,964 | 74 | NEW MEXICO | 2,889,660 |
| 20 | PITTSBURGH | 4,358,926 | 75 | DELAWARE | 2,860,075 |
| 21 | PENNSYLVANIA | 4,273,724 | 76 | ROCHESTER | 2,800,553 |
| 22 | CHICAGO | 4,210,404 | 77 | QUEEN'S | 2,790,118 |
| 23 | ALBERTA | 4,188,173 | 78 | MCMASTER | 2,741,314 |
| 24 | COLORADO | 4,129,536 | 79 | NOTRE DAME | 2,740,978 |
| 25 | ARIZONA STATE | 4,029,942 | 80 | NORTH CAROLINA STATE | 2,703,947 |
| 26 | MIAMI | 4,023,185 | 81 | OKLAHOMA STATE | 2,695,379 |
| 27 | NEW YORK | 3,996,291 | 82 | WASHINGTON STATE | 2,687,409 |
| 28 | TEXAS | 3,996,248 | 83 | SUNY-STONY BROOK | 2,686,717 |
| 29 | RUTGERS | 3,984,669 | 84 | MIT | 2,686,360 |
| 30 | GEORGIA | 3,981,172 | 85 | MASSACHUSETTS | 2,682,027 |
| 31 | ILLINOIS, CHICAGO | 3,955,649 | 86 | MCGILL | 2,674,094 |
| 32 | ARIZONA | 3,938,177 | 87 | DARTMOUTH | 2,655,370 |
| 33 | PURDUE | 3,927,457 | 88 | HOUSTON | 2,653,159 |
| 34 | WASHINGTON U.-ST. LOUIS | 3,882,510 | 89 | HAWAII | 2,622,242 |
| 35 | FLORIDA | 3,852,794 | 90 | BROWN | 2,572,912 |
| 36 | NORTHWESTERN | 3,801,325 | 91 | COLORADO STATE | 2,547,536 |
| 37 | INDIANA | 3,795,162 | 92 | GEORGIA TECH | 2,545,641 |
| 38 | NEBRASKA | 3,778,191 | 93 | LOUISIANA STATE | 2,505,673 |
| 39 | EMORY | 3,749,567 | 94 | TULANE | 2,502,336 |
| 40 | GEORGETOWN | 3,744,791 | 95 | OHIO | 2,479,478 |
| 41 | JOHNS HOPKINS | 3,742,248 | 96 | SYRACUSE | 2,471,841 |
| 42 | MICHIGAN STATE | 3,676,208 | 97 | BRIGHAM YOUNG | 2,469,518 |
| 43 | CALIFORNIA, SAN DIEGO | 3,672,321 | 98 | RICE | 2,451,168 |
| 44 | PRINCETON | 3,652,629 | 99 | HOWARD | 2,375,327 |
| 45 | CINCINNATI | 3,635,683 | 100 | ALABAMA | 2,334,678 |
| 46 | UTAH | 3,616,895 | 101 | AUBURN | 2,300,173 |
| 47 | VANDERBILT | 3,607,899 | 102 | WATERLOO | 2,172,314 |
| 48 | KENTUCKY | 3,571,754 | 103 | CALIFORNIA, SANTA BARBARA | 2,142,210 |
| 49 | CALIFORNIA, DAVIS | 3,566,732 | 104 | YORK | 2,118,706 |
| 50 | TENNESSEE | 3,563,793 | 105 | SUNY-ALBANY | 1,987,666 |
| 51 | VIRGINIA | 3,534,894 | 106 | KENT STATE | 1,957,190 |
| 52 | CONNECTICUT | 3,522,638 | 107 | CALIFORNIA, RIVERSIDE | 1,885,558 |
| 53 | LAVAL | 3,416,727 | 108 | MANITOBA | 1,827,275 |
| 54 | IOWA | 3,393,307 | 109 | GUELPH | 1,611,864 |
| 55 | TEMPLE | 3,384,928 | | | |

# RANK ORDER TABLE 14:
# TOTAL ITEMS LOANED (ILL)

| RANK | INSTITUTION | VALUE | RANK | INSTITUTION | VALUE |
|---|---|---|---|---|---|
| 1 | MINNESOTA | 246,800 | 56 | VPI & SU | 25,720 |
| 2 | ILLINOIS, CHICAGO | 104,117 | 57 | BRIGHAM YOUNG | 25,670 |
| 3 | WISCONSIN | 92,856 | 58 | EMORY | 25,667 |
| 4 | CALIFORNIA, LOS ANGELES | 90,941 | 59 | OREGON | 25,577 |
| 5 | WASHINGTON | 81,010 | 60 | IOWA STATE | 24,564 |
| 6 | ALBERTA | 72,627 | 61 | LAVAL | 24,515 |
| 7 | HARVARD | 71,365 | 62 | CALIFORNIA, IRVINE | 24,418 |
| 8 | CASE WESTERN RESERVE | 63,693 | 63 | TORONTO | 23,608 |
| 9 | OHIO STATE | 62,966 | 64 | OKLAHOMA STATE | 23,403 |
| 10 | ILLINOIS, URBANA | 62,267 | 65 | PENNSYLVANIA | 23,293 |
| 11 | CINCINNATI | 61,575 | 66 | JOHNS HOPKINS | 23,229 |
| 12 | MICHIGAN | 61,028 | 67 | AUBURN | 23,219 |
| 13 | INDIANA | 61,005 | 68 | MIT | 23,073 |
| 14 | DUKE | 58,656 | 69 | ARIZONA STATE | 22,676 |
| 15 | CALIFORNIA, BERKELEY | 56,195 | 70 | MANITOBA | 20,828 |
| 16 | IOWA | 53,947 | 71 | NEW YORK | 20,768 |
| 17 | CALIFORNIA, DAVIS | 48,946 | 72 | MCMASTER | 20,702 |
| 18 | OHIO | 48,024 | 73 | CALIFORNIA, SANTA BARBARA | 20,256 |
| 19 | BRITISH COLUMBIA | 47,685 | 74 | STANFORD | 20,099 |
| 20 | NORTH CAROLINA | 46,894 | 75 | RUTGERS | 20,007 |
| 21 | WAYNE STATE | 45,467 | 76 | NORTH CAROLINA STATE | 19,771 |
| 22 | TEXAS A&M | 44,991 | 77 | WESTERN ONTARIO | 19,218 |
| 23 | FLORIDA | 44,758 | 78 | SOUTH CAROLINA | 18,940 |
| 24 | KANSAS | 43,601 | 79 | TENNESSEE | 18,588 |
| 25 | CONNECTICUT | 41,206 | 80 | NOTRE DAME | 18,585 |
| 26 | CHICAGO | 41,164 | 81 | MCGILL | 18,440 |
| 27 | PENNSYLVANIA STATE | 39,892 | 82 | KENT STATE | 18,423 |
| 28 | WASHINGTON U.-ST. LOUIS | 39,658 | 83 | YORK | 17,988 |
| 29 | MIAMI | 39,507 | 84 | TULANE | 17,703 |
| 30 | PITTSBURGH | 39,481 | 85 | HAWAII | 17,643 |
| 31 | FLORIDA STATE | 38,410 | 86 | PRINCETON | 17,578 |
| 32 | MISSOURI | 37,815 | 87 | CORNELL | 17,045 |
| 33 | VIRGINIA | 37,538 | 88 | MASSACHUSETTS | 16,966 |
| 34 | SUNY-BUFFALO | 36,634 | 89 | VANDERBILT | 16,418 |
| 35 | TEXAS | 35,194 | 90 | BOSTON | 15,525 |
| 36 | SUNY-STONY BROOK | 34,762 | 91 | SYRACUSE | 15,482 |
| 37 | SOUTHERN ILLINOIS | 34,048 | 92 | YALE | 15,477 |
| 38 | COLORADO | 32,700 | 93 | LOUISIANA STATE | 15,436 |
| 39 | UTAH | 32,600 | 94 | DARTMOUTH | 14,473 |
| 40 | GEORGIA | 32,581 | 95 | SOUTHERN CALIFORNIA | 13,894 |
| 41 | COLUMBIA | 32,019 | 96 | NEBRASKA | 13,771 |
| 42 | KENTUCKY | 31,711 | 97 | GEORGETOWN | 13,094 |
| 43 | OKLAHOMA | 31,632 | 98 | BROWN | 12,988 |
| 44 | ARIZONA | 30,790 | 99 | DELAWARE | 12,880 |
| 45 | COLORADO STATE | 29,731 | 100 | ALABAMA | 12,709 |
| 46 | WASHINGTON STATE | 29,190 | 101 | GEORGIA TECH | 12,130 |
| 47 | SUNY-ALBANY | 28,907 | 102 | CALIFORNIA, RIVERSIDE | 11,791 |
| 48 | NEW MEXICO | 28,240 | 103 | SASKATCHEWAN | 10,111 |
| 49 | CALIFORNIA, SAN DIEGO | 28,131 | 104 | QUEEN'S | 8,602 |
| 50 | MICHIGAN STATE | 27,939 | 105 | WATERLOO | 8,039 |
| 51 | HOUSTON | 27,142 | 106 | TEMPLE | 7,714 |
| 52 | NORTHWESTERN | 26,995 | 107 | RICE | 7,099 |
| 53 | ROCHESTER | 26,652 | 108 | GUELPH | 4,538 |
| 54 | PURDUE | 26,173 | 109 | HOWARD | 3,870 |
| 54 | MARYLAND | 26,173 | | | |

# RANK ORDER TABLE 15:
# TOTAL ITEMS BORROWED (ILL/DD)

| RANK | INSTITUTION | VALUE | RANK | INSTITUTION | VALUE |
|---|---|---|---|---|---|
| 1 | ILLINOIS, CHICAGO | 81,478 | 56 | SUNY-BUFFALO | 15,241 |
| 2 | ILLINOIS, URBANA | 53,066 | 57 | VPI & SU | 14,900 |
| 3 | OHIO STATE | 46,745 | 58 | DARTMOUTH | 14,773 |
| 4 | CINCINNATI | 43,623 | 59 | YALE | 14,341 |
| 5 | OHIO | 41,853 | 60 | MIAMI | 14,325 |
| 6 | TEXAS A&M | 31,264 | 61 | PITTSBURGH | 14,280 |
| 7 | PENNSYLVANIA | 30,775 | 62 | MCMASTER | 14,260 |
| 8 | OKLAHOMA | 30,466 | 63 | COLORADO | 14,177 |
| 9 | CASE WESTERN RESERVE | 30,424 | 64 | IOWA STATE | 14,161 |
| 10 | CALIFORNIA, SAN DIEGO | 30,239 | 65 | LAVAL | 14,134 |
| 11 | INDIANA | 29,086 | 66 | LOUISIANA STATE | 14,124 |
| 12 | VIRGINIA | 27,489 | 67 | MICHIGAN STATE | 14,101 |
| 13 | CALIFORNIA, IRVINE | 26,914 | 68 | UTAH | 13,946 |
| 14 | ALBERTA | 26,872 | 69 | MARYLAND | 13,908 |
| 15 | KENT STATE | 26,415 | 70 | ROCHESTER | 13,857 |
| 16 | MICHIGAN | 26,399 | 71 | DUKE | 13,831 |
| 17 | TENNESSEE | 25,371 | 72 | CORNELL | 13,591 |
| 18 | NORTHWESTERN | 24,132 | 73 | FLORIDA STATE | 13,503 |
| 19 | KANSAS | 23,546 | 74 | VANDERBILT | 13,424 |
| 20 | SOUTHERN ILLINOIS | 23,024 | 75 | DELAWARE | 12,756 |
| 21 | NEW MEXICO | 22,947 | 76 | QUEEN'S | 12,728 |
| 22 | SOUTH CAROLINA | 22,853 | 77 | OKLAHOMA STATE | 12,702 |
| 23 | WASHINGTON U.-ST. LOUIS | 22,826 | 78 | WAYNE STATE | 12,659 |
| 24 | COLORADO STATE | 22,416 | 79 | FLORIDA | 12,616 |
| 25 | KENTUCKY | 21,914 | 80 | OREGON | 12,519 |
| 26 | CHICAGO | 21,376 | 81 | SASKATCHEWAN | 12,251 |
| 27 | CONNECTICUT | 21,308 | 82 | NOTRE DAME | 11,377 |
| 28 | WISCONSIN | 21,258 | 83 | MANITOBA | 10,949 |
| 29 | TEXAS | 21,224 | 84 | SYRACUSE | 10,876 |
| 30 | NEW YORK | 21,222 | 85 | STANFORD | 10,745 |
| 31 | BRIGHAM YOUNG | 20,883 | 86 | ALABAMA | 10,400 |
| 32 | ARIZONA STATE | 20,851 | 87 | MCGILL | 10,331 |
| 33 | CALIFORNIA, SANTA BARBARA | 20,751 | 88 | EMORY | 10,191 |
| 34 | JOHNS HOPKINS | 20,714 | 89 | GEORGETOWN | 10,120 |
| 35 | CALIFORNIA, BERKELEY | 20,543 | 90 | WASHINGTON | 10,046 |
| 36 | RUTGERS | 20,203 | 91 | SUNY-STONY BROOK | 10,042 |
| 37 | IOWA | 19,991 | 92 | MASSACHUSETTS | 9,998 |
| 38 | COLUMBIA | 19,756 | 93 | TEMPLE | 9,872 |
| 39 | HARVARD | 19,563 | 94 | GEORGIA | 9,810 |
| 40 | HOUSTON | 18,569 | 95 | PRINCETON | 9,639 |
| 41 | PENNSYLVANIA STATE | 18,239 | 96 | NORTH CAROLINA | 9,304 |
| 42 | BRITISH COLUMBIA | 18,150 | 97 | TORONTO | 9,060 |
| 43 | ARIZONA | 18,141 | 98 | MIT | 8,823 |
| 44 | NEBRASKA | 17,734 | 99 | WASHINGTON STATE | 8,023 |
| 45 | CALIFORNIA, RIVERSIDE | 17,618 | 100 | GUELPH | 7,805 |
| 46 | CALIFORNIA, LOS ANGELES | 17,291 | 101 | WATERLOO | 7,598 |
| 47 | BOSTON | 16,919 | 102 | NORTH CAROLINA STATE | 6,966 |
| 48 | MISSOURI | 16,777 | 103 | RICE | 6,341 |
| 49 | PURDUE | 16,231 | 104 | HAWAII | 6,049 |
| 50 | TULANE | 15,933 | 105 | AUBURN | 5,360 |
| 51 | BROWN | 15,484 | 106 | YORK | 4,249 |
| 52 | SUNY-ALBANY | 15,341 | 107 | WESTERN ONTARIO | 3,941 |
| 53 | SOUTHERN CALIFORNIA | 15,311 | 108 | GEORGIA TECH | 3,009 |
| 54 | MINNESOTA | 15,279 | 109 | HOWARD | 2,502 |
| 55 | CALIFORNIA, DAVIS | 15,278 | | | |

# Rank Order Table 16:
# Professional Staff (FTE)

| Rank | Institution | Value | Rank | Institution | Value |
|---|---|---|---|---|---|
| 1 | HARVARD | 404 | 56 | CALIFORNIA, SAN DIEGO | 72 |
| 2 | YALE | 203 | 56 | CHICAGO | 72 |
| 3 | CALIFORNIA, BERKELEY | 177 | 58 | MIAMI | 71 |
| 3 | COLUMBIA | 177 | 59 | UTAH | 70 |
| 5 | STANFORD | 175 | 60 | CASE WESTERN RESERVE | 67 |
| 6 | ILLINOIS, URBANA | 160 | 60 | CONNECTICUT | 67 |
| 7 | WISCONSIN | 156 | 60 | LAVAL | 67 |
| 8 | MICHIGAN | 149 | 63 | NORTH CAROLINA STATE | 66 |
| 8 | TORONTO | 149 | 64 | TENNESSEE | 65 |
| 10 | NEW YORK | 143 | 64 | PURDUE | 65 |
| 11 | TEXAS | 141 | 66 | MICHIGAN STATE | 64 |
| 12 | INDIANA | 137 | 67 | ALBERTA | 63 |
| 13 | WASHINGTON | 132 | 67 | BOSTON | 63 |
| 14 | CORNELL | 130 | 69 | COLORADO | 62 |
| 15 | CALIFORNIA, LOS ANGELES | 128 | 70 | OHIO | 60 |
| 16 | NORTH CAROLINA | 120 | 71 | MISSOURI | 59 |
| 17 | PRINCETON | 118 | 72 | FLORIDA STATE | 56 |
| 18 | PENNSYLVANIA STATE | 116 | 72 | ALABAMA | 56 |
| 19 | RUTGERS | 108 | 74 | DELAWARE | 54 |
| 19 | SOUTHERN CALIFORNIA | 108 | 74 | OREGON | 54 |
| 19 | PITTSBURGH | 108 | 76 | KENT STATE | 53 |
| 19 | FLORIDA | 108 | 76 | TULANE | 53 |
| 23 | PENNSYLVANIA | 107 | 76 | CALIFORNIA, DAVIS | 53 |
| 23 | NORTHWESTERN | 107 | 76 | HAWAII | 53 |
| 25 | BRITISH COLUMBIA | 104 | 80 | CALIFORNIA, IRVINE | 52 |
| 25 | MINNESOTA | 104 | 80 | NEBRASKA | 52 |
| 25 | DUKE | 104 | 80 | IOWA STATE | 52 |
| 28 | IOWA | 102 | 80 | LOUISIANA STATE | 52 |
| 29 | OHIO STATE | 101 | 84 | OKLAHOMA | 51 |
| 29 | BRIGHAM YOUNG | 101 | 84 | OKLAHOMA STATE | 51 |
| 31 | KENTUCKY | 100 | 84 | MANITOBA | 51 |
| 32 | ARIZONA STATE | 99 | 84 | MASSACHUSETTS | 51 |
| 33 | VIRGINIA | 97 | 84 | YORK | 51 |
| 33 | SUNY-BUFFALO | 97 | 89 | SOUTHERN ILLINOIS | 50 |
| 35 | ARIZONA | 92 | 89 | CALIFORNIA, SANTA BARBARA | 50 |
| 36 | KANSAS | 88 | 89 | DARTMOUTH | 50 |
| 36 | NEW MEXICO | 88 | 89 | GEORGIA TECH | 50 |
| 36 | WASHINGTON U.-ST. LOUIS | 88 | 93 | NOTRE DAME | 49 |
| 39 | JOHNS HOPKINS | 87 | 93 | AUBURN | 49 |
| 40 | MARYLAND | 85 | 95 | SUNY-ALBANY | 47 |
| 40 | GEORGIA | 85 | 96 | HOUSTON | 46 |
| 42 | MIT | 83 | 96 | WESTERN ONTARIO | 46 |
| 43 | WAYNE STATE | 82 | 98 | SUNY-STONY BROOK | 45 |
| 43 | EMORY | 82 | 98 | HOWARD | 45 |
| 45 | ILLINOIS, CHICAGO | 80 | 100 | QUEEN'S | 44 |
| 45 | TEXAS A&M | 80 | 100 | RICE | 44 |
| 45 | BROWN | 80 | 102 | CALIFORNIA, RIVERSIDE | 43 |
| 45 | GEORGETOWN | 80 | 102 | VPI & SU | 43 |
| 49 | VANDERBILT | 78 | 104 | SASKATCHEWAN | 42 |
| 50 | ROCHESTER | 77 | 105 | WATERLOO | 40 |
| 51 | CINCINNATI | 76 | 106 | WASHINGTON STATE | 39 |
| 51 | MCGILL | 76 | 107 | COLORADO STATE | 36 |
| 53 | SOUTH CAROLINA | 73 | 107 | MCMASTER | 36 |
| 53 | SYRACUSE | 73 | 109 | GUELPH | 23 |
| 53 | TEMPLE | 73 | | | |

# RANK ORDER TABLE 17:
# SUPPORT STAFF (FTE)

| RANK | INSTITUTION | VALUE | RANK | INSTITUTION | VALUE |
|---|---|---|---|---|---|
| 1 | HARVARD | 587 | 56 | MIAMI | 130 |
| 2 | TEXAS | 364 | 57 | MANITOBA | 128 |
| 3 | TORONTO | 344 | 58 | YORK | 127 |
| 4 | PENNSYLVANIA STATE | 331 | 59 | MARYLAND | 126 |
| 5 | YALE | 324 | 59 | COLORADO | 126 |
| 6 | CALIFORNIA, LOS ANGELES | 310 | 61 | IOWA | 125 |
| 7 | MICHIGAN | 299 | 62 | FLORIDA STATE | 124 |
| 8 | CORNELL | 296 | 63 | SYRACUSE | 123 |
| 9 | STANFORD | 286 | 64 | GEORGETOWN | 122 |
| 10 | COLUMBIA | 266 | 65 | NORTH CAROLINA STATE | 121 |
| 11 | CALIFORNIA, BERKELEY | 253 | 66 | SOUTH CAROLINA | 119 |
| 12 | ILLINOIS, URBANA | 246 | 67 | NEBRASKA | 118 |
| 13 | RUTGERS | 240 | 68 | CALIFORNIA, IRVINE | 117 |
| 13 | BRITISH COLUMBIA | 240 | 68 | SASKATCHEWAN | 117 |
| 15 | WASHINGTON | 229 | 70 | IOWA STATE | 116 |
| 16 | WISCONSIN | 218 | 71 | WATERLOO | 115 |
| 16 | ALBERTA | 218 | 72 | KENTUCKY | 113 |
| 18 | PITTSBURGH | 210 | 72 | DELAWARE | 113 |
| 19 | NORTH CAROLINA | 207 | 74 | LOUISIANA STATE | 112 |
| 20 | PRINCETON | 206 | 75 | KANSAS | 111 |
| 21 | FLORIDA | 204 | 75 | MIT | 111 |
| 22 | INDIANA | 197 | 75 | CINCINNATI | 111 |
| 23 | ARIZONA STATE | 196 | 75 | MICHIGAN STATE | 111 |
| 23 | VIRGINIA | 196 | 79 | TEMPLE | 105 |
| 25 | GEORGIA | 194 | 79 | DARTMOUTH | 105 |
| 26 | MINNESOTA | 192 | 81 | WAYNE STATE | 101 |
| 27 | CHICAGO | 187 | 82 | BROWN | 100 |
| 28 | MCGILL | 186 | 83 | CONNECTICUT | 98 |
| 29 | NEW YORK | 185 | 83 | TULANE | 98 |
| 29 | LAVAL | 185 | 85 | SOUTHERN ILLINOIS | 97 |
| 31 | PENNSYLVANIA | 183 | 85 | HOUSTON | 97 |
| 32 | ARIZONA | 181 | 87 | GUELPH | 95 |
| 32 | JOHNS HOPKINS | 181 | 88 | VPI & SU | 94 |
| 32 | CALIFORNIA, DAVIS | 181 | 89 | OREGON | 92 |
| 35 | OHIO STATE | 179 | 89 | HOWARD | 92 |
| 36 | CALIFORNIA, SAN DIEGO | 175 | 91 | KENT STATE | 91 |
| 37 | DUKE | 173 | 92 | WASHINGTON STATE | 90 |
| 38 | WESTERN ONTARIO | 171 | 93 | MASSACHUSETTS | 89 |
| 39 | NEW MEXICO | 170 | 93 | SUNY-STONY BROOK | 89 |
| 40 | TEXAS A&M | 169 | 95 | SUNY-BUFFALO | 88 |
| 41 | ILLINOIS, CHICAGO | 163 | 95 | HAWAII | 88 |
| 42 | UTAH | 161 | 97 | AUBURN | 86 |
| 43 | NOTRE DAME | 150 | 98 | ROCHESTER | 81 |
| 44 | EMORY | 149 | 98 | CALIFORNIA, RIVERSIDE | 81 |
| 45 | PURDUE | 145 | 98 | COLORADO STATE | 81 |
| 46 | WASHINGTON U.-ST. LOUIS | 142 | 101 | SUNY-ALBANY | 79 |
| 46 | VANDERBILT | 142 | 102 | CASE WESTERN RESERVE | 77 |
| 48 | SOUTHERN CALIFORNIA | 140 | 102 | OHIO | 77 |
| 48 | TENNESSEE | 140 | 102 | ALABAMA | 77 |
| 50 | MISSOURI | 137 | 105 | OKLAHOMA | 75 |
| 50 | QUEEN'S | 137 | 106 | OKLAHOMA STATE | 65 |
| 52 | NORTHWESTERN | 135 | 107 | GEORGIA TECH | 61 |
| 52 | CALIFORNIA, SANTA BARBARA | 135 | 108 | RICE | 60 |
| 54 | BOSTON | 132 | 109 | BRIGHAM YOUNG | 53 |
| 55 | MCMASTER | 131 | | | |

# RANK ORDER TABLE 18:
# TOTAL STAFF (FTE)

| RANK | INSTITUTION | VALUE | RANK | INSTITUTION | VALUE |
|---|---|---|---|---|---|
| 1 | HARVARD | 1125 | 56 | GEORGETOWN | 260 |
| 2 | CALIFORNIA, BERKELEY | 656 | 57 | SOUTH CAROLINA | 257 |
| 3 | MICHIGAN | 651 | 58 | COLORADO | 254 |
| 4 | CALIFORNIA, LOS ANGELES | 644 | 58 | NORTH CAROLINA STATE | 254 |
| 5 | YALE | 615 | 58 | SUNY-BUFFALO | 254 |
| 6 | TEXAS | 599 | 61 | LAVAL | 253 |
| 7 | CORNELL | 580 | 61 | BOSTON | 253 |
| 8 | TORONTO | 579 | 63 | MIAMI | 251 |
| 9 | STANFORD | 559 | 64 | CALIFORNIA, SANTA BARBARA | 250 |
| 10 | COLUMBIA | 555 | 64 | SYRACUSE | 250 |
| 11 | WISCONSIN | 543 | 66 | MISSOURI | 246 |
| 12 | PENNSYLVANIA STATE | 536 | 66 | CALIFORNIA, IRVINE | 246 |
| 13 | ILLINOIS, URBANA | 531 | 68 | SOUTHERN ILLINOIS | 242 |
| 14 | WASHINGTON | 478 | 69 | FLORIDA STATE | 240 |
| 15 | INDIANA | 474 | 69 | CONNECTICUT | 240 |
| 16 | NEW YORK | 470 | 71 | BROWN | 239 |
| 17 | RUTGERS | 451 | 72 | WESTERN ONTARIO | 236 |
| 18 | MINNESOTA | 446 | 73 | TEMPLE | 232 |
| 19 | PITTSBURGH | 425 | 74 | YORK | 230 |
| 20 | NORTH CAROLINA | 423 | 75 | NOTRE DAME | 227 |
| 21 | OHIO STATE | 420 | 76 | IOWA STATE | 225 |
| 22 | BRITISH COLUMBIA | 401 | 77 | KENT STATE | 224 |
| 23 | FLORIDA | 390 | 78 | DELAWARE | 223 |
| 24 | PRINCETON | 380 | 79 | LOUISIANA STATE | 222 |
| 25 | PENNSYLVANIA | 379 | 80 | MIT | 220 |
| 26 | NORTHWESTERN | 373 | 80 | OREGON | 220 |
| 27 | ARIZONA | 367 | 82 | NEBRASKA | 216 |
| 28 | GEORGIA | 364 | 83 | HOUSTON | 215 |
| 29 | VIRGINIA | 363 | 84 | ROCHESTER | 210 |
| 30 | ARIZONA STATE | 361 | 85 | OHIO | 209 |
| 31 | NEW MEXICO | 359 | 86 | VPI & SU | 208 |
| 31 | SOUTHERN CALIFORNIA | 359 | 87 | HAWAII | 207 |
| 33 | TEXAS A&M | 344 | 88 | QUEEN'S | 203 |
| 34 | CHICAGO | 334 | 89 | TULANE | 200 |
| 35 | KENTUCKY | 332 | 90 | MANITOBA | 197 |
| 36 | CALIFORNIA, SAN DIEGO | 329 | 91 | SUNY-STONY BROOK | 193 |
| 37 | DUKE | 328 | 92 | ALABAMA | 188 |
| 38 | ALBERTA | 326 | 93 | CASE WESTERN RESERVE | 187 |
| 39 | UTAH | 318 | 94 | MCMASTER | 186 |
| 40 | MARYLAND | 316 | 95 | MASSACHUSETTS | 185 |
| 41 | MCGILL | 312 | 96 | DARTMOUTH | 183 |
| 42 | JOHNS HOPKINS | 311 | 97 | OKLAHOMA | 181 |
| 43 | IOWA | 309 | 98 | WATERLOO | 180 |
| 44 | KANSAS | 296 | 98 | OKLAHOMA STATE | 180 |
| 45 | CALIFORNIA, DAVIS | 295 | 100 | AUBURN | 177 |
| 46 | BRIGHAM YOUNG | 294 | 100 | COLORADO STATE | 177 |
| 47 | VANDERBILT | 287 | 102 | SASKATCHEWAN | 175 |
| 48 | WASHINGTON U.-ST. LOUIS | 285 | 103 | CALIFORNIA, RIVERSIDE | 174 |
| 49 | ILLINOIS, CHICAGO | 283 | 104 | SUNY-ALBANY | 171 |
| 49 | MICHIGAN STATE | 283 | 105 | WASHINGTON STATE | 168 |
| 51 | EMORY | 281 | 106 | HOWARD | 149 |
| 52 | CINCINNATI | 274 | 107 | GUELPH | 127 |
| 53 | WAYNE STATE | 270 | 108 | GEORGIA TECH | 117 |
| 54 | PURDUE | 267 | 109 | RICE | 116 |
| 55 | TENNESSEE | 264 | | | |

# ARL Statistics Survey 1995-96

## Questionnaire and Instructions

# ARL STATISTICS QUESTIONNAIRE, 1995-96

## *INSTRUCTIONS FOR COMPLETING THE QUESTIONNAIRE*

### General Instructions

Please enter your data on the ARL Statistics disk, if possible. The printed copy of the questionnaire is a worksheet provided for your convenience. Be sure to read the "ARL Statistics Disk Documentation" as well as these Instructions before beginning to input data.

Definitions of the statistical categories used in this questionnaire can be found in *American National Standard for Library and Information Sciences and Related Publishing Practices - Library Statistics. Z39.7-1983.* (New York, American National Standards Institute, 1983.)

The questionnaire assumes a fiscal year ending June 30, 1996. If your fiscal year is different, please provide a footnote in the "Footnotes" section of the questionnaire.

**Please do not use decimals.** All figures should be rounded to the nearest whole number.

**Please do not leave any lines blank.** If an exact figure is unavailable, use **-1**, i.e., "U/A." If a question is not applicable to your library, use **-2**, i.e., "N/A." If the appropriate answer is zero or none, use **0**.

In a university that includes both main and branch campuses, an effort should be made to report figures for the main campus only. (The U.S. National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS) defines a **branch campus** as one "located in a community different from that of its parent institution ... beyond a reasonable commuting distance from the main campus ... The educational activities at the location must be organized on a relatively permanent basis ... and include course offerings for one or more complete college-level programs of at least one full year.") If figures for libraries located on branch campuses are reported, please explain in the "Footnotes" section of the questionnaire.

A **branch library** is defined as an auxiliary library service outlet with quarters separate from the central library of a system, which has a basic collection of books and other materials, a regular staffing level, and an established schedule. A branch library is administered either by the central library or (as in the case of some law and medical libraries) through the administrative structure of other units within the university. Departmental study/reading rooms are not included.

### Specific Instructions

**Questions 1-4. Volumes in Library.** Use the ANSI Z39.7-1983 definition for **volume** as follows:

> *a physical unit of any printed, typewritten, handwritten, mimeographed, or processed work, contained in one binding or portfolio, hardbound or paperbound, that has been cataloged, classified, and made ready for use.*

Include duplicates and bound volumes of periodicals. For purposes of this questionnaire, unclassified bound serials arranged in alphabetical order are considered classified. Exclude microforms, maps, nonprint materials, and uncataloged items. If any of these items cannot be excluded, please provide an explanatory footnote in the "Footnotes" section of the questionnaire.

Include government document volumes that are accessible through the library's catalogs regardless of whether they are separately shelved. "Classified" includes documents arranged by Superintendent of Documents, CODOC, or similar numbers. "Cataloged" includes documents for which records are provided by the library or downloaded from other sources into the library's card or online catalogs. Documents should, to the extent possible, be counted as they would if they were in bound volumes (e.g., 12 issues of an annual serial would be one or two volumes). Title and piece counts should not be considered the same as volume counts. If a volume count has not been kept, it may be estimated through sampling a representative group of title records and determining the corresponding number of volumes, then extrapolating to the rest of the collection. As an alternative, an estimate may be made using the following formulae:

*52 documents pieces per foot*
*10 "traditional" volumes per foot*
*5.2 documents pieces per volume*

If either formulas or sampling are used for deriving your count, please indicate in a footnote.

**Question 2. Volumes Added.** Include only volumes cataloged, classified, and made ready for use. Include government documents if they have been included in the count of volumes on line 1a. Do not include as part of Volumes Added Gross any government documents or other collections (such as large gift collections) that were added to the collection as the result of a one time download or addition to the OPAC. Include these items in Volumes Held of the previous year (Line 1a) and provide a footnote explaining the revision of Line 1a.

**Question 4. Monographic Volumes Purchased.** Report number of volumes purchased. Include all volumes for which an expenditure was made during 1995-96, including volumes paid for in advance but not received during the fiscal year. Include monographs in series and continuations. If only number of titles purchased can be reported, please report the data and provide an explanatory footnote in the "Footnotes" section of the questionnaire. **Note:** This question is concerned with volumes purchased rather than volumes received or cataloged. Question 16 requests the expenditure for the volumes counted here.

**Questions 5-7. Serials.** Report the total number of subscriptions, not titles. Include duplicate subscriptions and, to the extent possible, all government document serials even if housed in a separate documents collection. Verify the inclusion or exclusion of document serials in Question 48 of the questionnaire. Exclude monographic and publishers' series. A **serial** is

> *a publication issued in successive parts, usually at regular intervals, and as a rule, intended to be continued indefinitely. Serials include periodicals, newspapers, annuals (reports, yearbooks, etc.), memoirs, proceedings, and transactions of societies.*

**Question 6. Serials: Not Purchased.** If separate counts of nonpurchased and purchased serials are not available, report only the total number of current serials received on line 7, and report **-1**, i.e., "U/A" for lines 5 and 6.

**Question 8. Microforms.** Report the total number of physical units: reels of microfilm, microcards, and microprint and microfiche sheets. Include all government documents in microform, provide a footnote in the "Footnotes" section of the questionnaire if documents are excluded.

**Question 9. Government documents.** Report the total number of physical units (pieces) of government documents in paper format that have not been counted elsewhere. Include local, state, national, and international documents; include documents purchased from a commercial source if shelved with separate documents collections and not counted above. Include serials and monographs. To estimate pieces from a measurement of linear feet, use the formula *1 foot = 52 pieces* and indicate in a footnote that the count is based on this estimate. Exclude microforms and nonprint formats such as maps or CD-ROMs. Adjust line 1a, i.e., last year's Volumes Held, and provide a footnote if you are adding records to the OPAC for government documents previously held but not counted as part of Volumes Held (line 1a).

**Question 10. Computer files.** Include the number of pieces of computer-readable disks, tapes, CD-ROMs, and similar machine-readable files comprising data or programs that are **locally held as part of the library's collections** available to library clients. Examples are U.S. Census data tapes, sample research software, locally-mounted databases, and reference tools on CD-ROM, tape or disk. Exclude bibliographic records used to manage the collection (i.e. the library's own catalog in machine-readable form), library system software, and microcomputer software used only by the library staff.

**Question 11. Manuscripts and archives.** Include both manuscripts and archives measured in linear feet.

**Question 12. Cartographic materials.** Include the numbers of pieces of two- and three-dimensional maps and globes. Include satellite and aerial photographs and images.

**Question 13. Graphic materials.** Include the number of pieces of prints, pictures, photographs, postcards, slides, transparencies, film strips, and the like.

**Question 14. Audio materials.** Include the number of pieces of audio cassettes, phonodiscs, audio compact discs, reel-to-reel tapes, and other sound recordings.

**Question 15. Film and video materials.** Include the number of pieces of motion pictures, video cassettes, video laser discs, and similar visual materials.

**Questions 16-27. Expenditures.** Report all expenditures of funds that come to the library from the regular institutional budget, and from sources such as research grants, special projects, gifts and endowments, and fees for service. (For question 25 include non-library funds; see instruction Q24-25) Do not report encumbrances of funds that have not yet been expended. **Canadian libraries should report expenditures in Canadian dollars.** (To determine figures in U.S. dollars, divide Canadian dollar amounts by 1.3613, the average monthly noon exchange rate published in the Bank of Canada *Review* for the period July 1995-June 1996.) **Please round figures to the nearest dollar.**

**Question 16. Monographs.** Report expenditures for volumes counted on line 4.

**Question 17. Current Serials.** Exclude monographic and publishers' series, and encumbrances.

**Question 18. Other library materials.** Include expenditures for all not reported in Questions 16 and 17, e.g. backfiles of serials, charts and maps, audiovisual materials, manuscripts, etc. If expenditures for these materials are included in lines 16 and/or 17 and cannot be disaggregated, please report **-1**, i.e., "U/A," and provide a footnote in the"Footnotes" section of the questionnaire. Do not include encumbrances.

**Question 19. Miscellaneous expenditures.** Include any other **materials funds expenditures** not included in questions 16-18, e.g., expenditures for bibliographic utilities, literature searching, security devices, memberships for the purposes of publications, etc. Please list categories, with amounts, in a footnote in the "Footnotes" section of the questionnaire. **Note:** If your library does not use materials funds for non-materials expenditures -- i.e., such expenditures are included in "Other Operating Expenditures" -- **report 0, not -1, i.e., "U/A,"** on line 19.

**Question 21. Contract Binding.** Include only contract expenditures for binding done outside the library. If all binding is done in-house, state this fact and give in-house expenditures in a footnote in the "Footnotes" section of the questionnaire; do not include personnel expenditures.

**Questions 22-25. Salaries and wages.** Exclude fringe benefits. If professional and support staff salaries cannot be separated, enter **-1**, i.e., "U/A," on lines 22 and 23 and enter total staff on line 25.

**Questions 24-25. Salaries and wages: Student Assistants.** Report 100% of student wages regardless of budgetary source of funds. Include federal and local funds for work study students.

**Question 26. Other operating expenditures.** Exclude expenditures for buildings, maintenance, and fringe benefits.

**Questions 28-31. Personnel.** Report the number of staff in filled positions, or positions that are only temporarily vacant. Temporarily vacant positions are those positions that were vacated during the fiscal year for which ARL data were submitted, and for which there is a firm intent to refill. You should only report positions for which there are expenditures for salaries reported on lines 22-25.

Include cost recovery positions and staff hired for special projects and grants, but provide an explanatory footnote indicating the number of such staff. If such staff cannot be included, provide a footnote in the "Footnotes" section of the questionnaire. To compute full-time equivalents of part-time employees and student assistants, take the total number of hours worked by part-time employees in each category and divide it by the number of hours considered by the reporting library to be a full-time work week. **Round figures to the nearest whole numbers.**

**Question 28. Professional Staff.** Since the criteria for determining professional status vary among libraries, there is no attempt to define the term "professional." Each library should report those staff members it considers professional, including, when appropriate, staff who are not librarians in the strict sense of the term, for example computer experts, systems analysts, or budget officers.

**Question 30. Student Assistants.** Report the total FTE (see instruction Q28-31) of student assistants employed on an hourly basis whose wages are paid from funds under library control or from a budget other than the library's, including federal work-study programs. Exclude maintenance and custodial staff.

**Questions 32-33. Instruction.** Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Questions 32 and 33. Please use an asterisk (*) to indicate if responses are based on sampling.

**Question 32. Presentations to Groups.** Report the total number of sessions during the year of presentations made as part of formal bibliographic instruction programs and through other planned class presentations, orientation sessions, and tours. If the library sponsors multi-session or credit courses that meet several times over the course of a semester, each session should be counted. Presentations to groups may be for either bibliographic instruction, cultural, recreational, or educational purposes. Presentations both on and off the premises should be included as long as they are sponsored by the library. Do

not include meetings sponsored by other groups using library meeting rooms. Place an asterisk (*) after your answer if you use sampling.

**Question 33. Participants in Group Presentations.** Report the total number of participants in the presentations reported on line 32. For multi-session classes with a constant enrollment, count each person only once. Personal, one-to-one instruction in the use of sources should be counted as reference transactions on line 34. Place an asterisk (*) after your answer if you use sampling. Use the "Footnotes" section to describe any special situations.

**Question 34. Reference Transactions.** Report the total number of reference transactions. A reference transaction is

> *an information contact that involves the knowledge, use, recommendations, interpretation, or instruction in the use of one or more information sources by a member of the library staff. Information sources include printed and non-printed materials, machine-readable databases (including computer-assisted instruction), catalogs and other holdings, records and, through communication or referral, other libraries and institutions, and persons both inside and outside the library.*

Include information and referral services. If a contact includes both reference and directional services, it should be reported as one reference transaction. When a staff member utilizes information gained from a previous use of information sources to answer a question, report as a reference transaction, even if the source is not consulted again during this transaction. Duration should not be an element in determining whether a transaction is a reference transaction. Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Question 34. Place an asterisk (*) after your answer if you use sampling.

EXCLUDE SIMPLE DIRECTIONAL QUESTIONS. A directional transaction is an information contact that facilitates the logistical use of the library and that does not involve the knowledge, use, recommendations, interpretation, or instruction in the use of any information sources other than those that describe the library, such as schedules, floor plans, and handbooks.

**Questions 35-37. Circulation.** For Question 35, count the number of initial circulations during the fiscal year from the general collection for use usually (although not always) outside the library. Do not count renewals. Include circulations to and from remote storage facilities for library users (i.e., do not include transactions reflecting transfers or stages of technical processing). Count the total number of items lent, not the number of borrowers. For Question 36, report total circulation for the fiscal year including initial transactions reported on line 35 and renewal transactions. On both line 35 and line 36, exclude reserve circulations; report those on line 37.

**Question 37. Reserve Circulation.** Count the number of circulation transactions from the reserve collection. Count the total number of items, not the number of borrowers. Exclude circulations from other restricted-circulation collections, such as special collections. The reserve collection is defined as

> *those materials that have been removed from the general library collection and set aside in a library so that they will be on hand for a certain course of study or activity in process. Usually, the circulation and length of loan of items in a reserve collection are restricted so that these items will be available to many users who have need of them within a limited time period.*

**Questions 38-39. Interlibrary Loans.** Report the number of filled requests for material provided to other libraries on line 38. Report the number of filled requests for material received from other libraries or document delivery services on line 39. On both lines, include originals, photocopies, and materials sent by telefacsimile or other forms of electronic transmission. Do not include transactions between libraries covered by this questionnaire.

**Questions 40-41. Ph.D. Degrees.** Report the number awarded during the 1995-96 fiscal year. Please note that only the number of Ph.D. degrees are to be counted. Statistics on all other advanced degrees (e.g., D.Ed., D.P.A., M.D., J.D.) are not included in this survey. If you are unable to provide a figure for Ph.D.s only, please add a footnote in the "Footnotes" section of the questionnaire.

**Question 41. Ph.D. Fields.** For the purposes of this report, Ph.D. fields are defined as the specific discipline specialties enumerated in the U.S. Department of Education's Integrated Postsecondary Education Data System (IPEDS) "Completions" Survey. Although the IPEDS form requests figures for all doctoral degrees, only fields in which Ph.D.s are awarded should be reported on the ARL questionnaire. Any exceptions should be footnoted in the "Footnotes" section of the questionnaire.

**Question 42. Instructional Faculty.** Instructional faculty are defined by the U.S. Dept. of Education as

> *those members of the instruction/research staff who are employed full-time as defined by the institution, including faculty with released time for research and faculty on sabbatical leave. Full-time counts exclude faculty who are employed to teach fewer than two semesters, three quarters, two trimesters, or two four-month sessions; replacements for faculty on sabbatical leave or leave without pay; faculty for preclinical and clinical medicine; faculty who are donating their services; faculty who are members of military organizations and paid on a different pay scale from civilian employees; academic officers, whose primary duties are administrative; and graduate students who assist in the instruction of courses.*

Please be sure the number reported, and the basis for counting, are consistent with those for 1994-95 (unless in previous years faculty were counted who should have been excluded according to the above definition). Please footnote any discrepancies.

**Questions 43-46. Enrollment.** U.S. libraries should use the Fall 1995 enrollment figures reported to the Department of Education on the form entitled "Integrated Postsecondary Education Data System, Fall Enrollment 1995." The line and column numbers on the IPEDS form for each category are noted on the questionnaire. Please check these figures against the enrollment figures reported to ARL last year to ensure consistency and accuracy. **Note:** In the past, the number of part-time students reported was FTE; the number now reported to IPEDS is a head count of part-time students. Canadian libraries should note that the category "graduate students" as reported here includes all post-baccalaureate students.

**Question 54. Footnotes.** Reporting libraries are urged to record in the footnote section any information that would clarify the figures submitted, e.g., the inclusion of branch campus libraries (see paragraph six of the "General Instructions" for definition of branch campus libraries). Explanatory footnotes will be included with the published statistics. Please make an effort to word your footnotes in a manner consistent with notes appearing in the published report, so that the ARL Office can interpret your footnotes correctly. For your convenience, your footnotes from the *ARL Statistics 1994-95* are included in the printed copy of the questionnaire. **Please update these notes, delete them, or indicate that they remain valid, and return them to the ARL office.** Note that the number in parentheses refers to the appropriate column on the Library Data Tables in the published *ARL Statistics*, as well as to the corresponding line number on the questionnaire.

Please return a *printed version* of the completed questionnaire *together with the disk version* to the ARL Statistics and Measurement Program by **October 15, 1996.**

Please contact Martha Kyrillidou at (202) 296-2296 or martha@cni.org for assistance.

# ARL STATISTICS QUESTIONNAIRE, 1995-96

**Please do not leave any lines blank. If an exact figure is unavailable, use -1, i.e. "U/A." If a question is not applicable in your library, use -2, i.e. "N/A." If the appropriate answer is zero or none, use "0."**

Reporting Institution _____ Date Returned to ARL _____

Report Prepared by (name) _____

Title _____

Email address _____ Phone number _____

Contact person (if different) _____

Title _____

Email address _____ Phone number _____

## COLLECTIONS

**Volumes in Library**: *(See instruction Q1-4)*

1a. *Volumes held June 30, 1995*
*(Exclude microforms, uncataloged govt. docs., maps, a/v material.*
*Record figure reported last year or footnote adjusted figure on p. 4.)* _____

2. Volumes added during year -- Gross *(See instruction Q2)*
(Exclude microforms, uncataloged govt. docs., maps, a/v material.) _____

2a. *Volumes withdrawn during year*
*(Exclude microforms, uncataloged govt. docs., maps, a/v material.)* _____

3. Volumes added during year -- Net (Subtract line 2a from line 2) _____

1. Volumes held June 30, 1996 (Add line 1a to line 3) _____

4. Number of monographic volumes purchased *(See instruction Q4)*
(Volumes for which expenditures are reported on line 16. Footnote if titles.) _____

**Serials:** *(See instruction Q5-7)*

5. Number of current serials, including periodicals, purchased _____

6. Number of current serials, including periodicals, received but not purchased (Exchanges, gifts, deposits, etc.) *(See instruction Q6)* _____

7. Total number of current serials received (Add line 5 to line 6) _____

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**COLLECTIONS** (cont'd.)

**Other Library Materials:** Total number of pieces held June 30, 1996:

8. Microform units *(See instruction Q8)* _____

9. Government documents not counted elsewhere *(See instruction Q9)* _____

10. Computer files *(See instruction Q10)* _____

11. Manuscripts and archives (linear ft.) *(See instruction Q11)* _____

**Audiovisual materials**:

12. Cartographic *(See instruction Q12)* _____

13. Graphic *(See instruction Q13)* _____

14. Audio *(See instruction Q14)* _____

15. Film and Video *(See instruction Q15)* _____

**EXPENDITURES** *(See instruction Q16-27)* Reported in Canadian dollars? Yes _____ No _____

**Library Materials:**

16. Monographs (Expenditures for volumes reported on line 4) *(See instruction Q16)* _____

17. Current serials including periodicals *(See instruction Q17)* _____

18. Other library materials (e.g., microforms, a/v, etc.) *(See instruction Q18)* _____

19. Miscellaneous (All materials fund expenditures not included above) *(See instruction Q19)* _____

20. Total library materials (Add lines 16, 17, 18, 19) _____

21. **Contract binding:** *(See instruction Q21)* _____

**Salaries and Wages:** *(See instruction Q22-25)*

22. Professional staff _____

23. Support staff _____

24. Student assistants *(See instruction Q24-25)* _____

25. Total salaries and wages (Add lines 22, 23, 24) _____

26. **Other operating expenditures:** *(See instruction Q26)* _____

27. **Total library expenditures:** (Add lines 20, 21, 25, 26) _____

**PERSONNEL** *(See instruction Q28-31. Round figures to nearest whole number.)*

28. Professional staff, FTE *(See instruction Q28)* _____

29. Support staff, FTE _____

30. Student assistants, FTE *(See instruction Q30)* _____

31. Total FTE staff (Add lines 28, 29, 30) _____

**INSTRUCTION** *(See instruction Q32-33)*

32. Number of library presentations to groups *(See instruction Q32)* _____

33. Number of total participants in group presentations reported on line 32 *(See instruction Q33)* _____

**REFERENCE**

34. Number of reference transactions *(See instruction Q34)* _____

**CIRCULATION** *(See instruction Q35-37)*

35. Number of initial circulations (excluding reserves) _____

36. Total circulations (initial and renewals, excluding reserves) _____

37. Number of reserve circulations *(See instruction Q37)* _____

**INTERLIBRARY LOANS** *(See instruction Q38-39)*

38. Total number of filled requests for materials **provided** to other libraries _____

39. Total number of filled requests for materials **received** from other libraries _____

**PH.D. DEGREES** *(See instruction Q40-41)*

40. Number of Ph.D.s awarded in FY1995-96 _____

41. Number of fields in which Ph.D.s can be awarded *(See instruction Q41)* _____

**FACULTY** *(See instruction Q42)*

42. Number of full-time instructional faculty in FY1995-96 _____

**ENROLLMENT -- FALL 1995 (TOTALS)** *(See instruction Q43-46; line numbers refer to IPEDS survey form)*

43. Full-time students (Add line 8, columns 15 & 16, and line 14, cols. 15 & 16) _____

44. Part-time students (Add line 22, columns 15 & 16, and line 28, cols. 15 & 16) _____

45. Full-time graduate students (Line 14, columns 15 & 16) _____

46. Part-time graduate students (Line 28, columns 15 & 16) _____

**LOCAL CHARACTERISTICS** or **ATTRIBUTES**

47. Basis of volume count is: _____ Physical _____ Bibliographic

48. Government documents are included in count of Current Serials. _____ Yes _____ No

49. Fringe benefits are included in expenditures for salaries and wages. _____ Yes _____ No

50. Law Library statistics are included. _____ Yes _____ No _____ We do not have a Law Library

51. Medical Library statistics are included. _____ Yes _____ No _____ We do not have a Medical Library

52. Other <u>main</u> campus libraries included: [list in "Footnotes" below].

53. Branch Campus Libraries *(See paragraph six of the "General Instructions")*

Figures include branch CAMPUS libraries: _____ Yes _____ No _____ We have only one campus.

If branch campus libraries are included, please specify which campuses in "Footnotes" below.

If branch campus libraries are <u>not</u> included, please specify which campuses in "Footnotes" below.

**FOOTNOTES** *(See instruction Q54)*

54. Footnotes as published in the *ARL Statistics 1994-95*.

For your convenience, a copy of your library's footnotes as they appear in the published *ARL Statistics 1994-95* is attached. Please indicate revisions, additions, and deletions as appropriate. If any footnotes published last year are unchanged, please mark them to indicate that they are still valid.

Please return a <u>*printed version*</u> of the completed questionnaire <u>*together with the disk version*</u> to the ARL Statistics and Measurement Program by **October 15, 1996.**
Please contact Martha Kyrillidou at (202) 296-2296 or martha@cni.org for assistance.

# FOOTNOTES TO THE ARL STATISTICS, 1995-96

# FOOTNOTES TO THE ARL STATISTICS, 1995-96

*Footnotes may also include errata and corrections to data from prior years not previously reported. Numbers in parentheses refer to columns in Library Data Tables and to Questionnaire numbers.*

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| ALABAMA | | All figures are as of September 30, 1996. |
| | 1 | Includes Government documents, beginning in 1996; pre-1996 documents are not included in the catalog. |
| | 8 | Includes Government documents in microformats. |
| | 17 | Some 1995-96 serials invoices were prepaid during 1994-95. |
| | 18 | Includes Law, Health Sciences, and Map libraries only; Gorgas Library and branches do not separate expenditures for Audiovisual materials and Microforms. |
| | 19 | Center for Research Libraries membership. |
| | 20 | Decrease due to prepayment of some 1995-96 serials invoices during 1994-95, and decreases in the Health Sciences library materials expenditures budget. |
| | 26 | Includes bibliographic utilities, memberships (except CRL), and literature searching. |
| | 34 | Figure based on sampling. |
| ALBERTA | | All figures are as of March 31, 1996. |
| | 6 | Includes Government documents. |
| | 16-17 | Figures from base library budget. Outside-funded expenditures (trust funds, endowments and other special funds) were Monographs (16), Can $129,942.04, and Serials (17), Can $75,120.48. |
| | 16-27 | Expenditures reported in Canadian dollars: (16) $3,514,375; (17) $5,701,360; (18) U/A; (19)$258,814; (20) $9,474,549; (21) $147,985; (22) $4,147,070; (23) $6,653,548; (24) $649,479; (25) $11,450,097; (26) $2,917,393; (27) $23,990,024. |
| | 18 | Included in Monograph expenditures (16) and Serial expenditures (17). |
| | 19 | Includes GST (Goods and Services Tax) and postage expenditures. |
| ARIZONA | | Volumes held June 30, 1995 revised to 4,226,308. |
| | | Basis of volume count in main and Health Sciences libraries is bibliographic; in Law library it is physical. |
| | 4 | For Law library, titles purchased only (910). |
| ARIZONA STATE | | ASU West altered their 1994-95 volume total to 253,954 (708 more). Volumes held June 30, 1995 revised to 3,102,628. |
| | | Includes Arizona State University West Campus, Architecture library, Hayden Library, Music library, Noble Library, and the Law library. |
| | 15 | 1994-95 figure revised to 14,906. |
| | 40 | 1994-95 figure revised to 221. |



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| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| ARIZONA STATE (cont'd) | 41 | 1994-95 figure revised to 41. |
| | 42 | This year's figure includes departmental chairs, whose primary function is still instructional. |
| | 43-44 | Last year's data incorrectly reported undergraduate students only. This year's data reflect both undergraduate and graduate students. |
| | 43-46 | Total enrollment has been changed this year to reflect unduplicated counts for ASU Main and ASU West combined. (Enrollments for the two campuses are not additive.) |
| AUBURN | | All figures are as of September 30, 1996. |
| | 1 | Includes 341,735 cataloged Government documents. |
| | 2 | Includes 57,603 cataloged Government documents. Volumes withdrawn include 9,742 Government documents. |
| | 8 | 1994-95 figure revised to 2,248,480. |
| | 24 | Includes $28,841 from Federal Work-Study Program. |
| | 34 | Figure based on sampling. 1994-95 figure revised to the sampled figure 184,000. |
| BOSTON | | Includes the Theology library. |
| | 18 | Includes a large prepayment for a product discount. |
| | 32-33 | Increase is because Law library did not report in 1994-95, and because of increased activity at the Medical and Science libraries. |
| | 34 | Figure based on sampling. |
| BOSTON PUBLIC LIBRARY | | Includes main and branch libraries. |
| | 1 | Excludes patents and prints. |
| | 7 | This figure includes, for the first time, Government documents serials and duplicate subscriptions in the branches. |
| BRIGHAM YOUNG | | All figures are as of August 31, 1996. |
| | 1-3, 5-8 | Includes Government documents. |
| | 34 | Figure based on sampling. Large increase due to the addition of two new service points and the inclusion of "in-office" consultations. |
| BRITISH COLUMBIA | | All figures are as of March 31, 1996. |
| | | Medical and Law library statistics cannot be disaggregated from the main statistics. |
| | 16-27 | Expenditures reported in Canadian dollars: (16) $2,147,181; (17) $6,625,460; (18) U / A; (19)$762,443; (20) $9,535,084; (21) $203,495; (22) $5,828,360; (23) $7,104,509; (24) $1,404,159; (25) $14,337,028; (26) $3,222,089; (27) $27,297,696. |
| | 18 | Included in Monograph expenditures (16). |
| | 28-31 | Includes: Operating Budget, 374.5 FTE; Grants, 8.81 FTE; Cost Recovery, 13.63 FTE; and Projects, 3.5 FTE; Total, 400.44 FTE. |

| Institution | Question number | Notes |
|---|---|---|
| BROWN | | Includes John Carter Brown, Annmary Brown, Demography, and Art Slide Libraries, as well as media services. |
| | | Medical library statistics cannot be disaggregated from the main statistics because the Medical collection is an integral part of the Sciences library. |
| | | In previous years, volume count was incorrectly reported as being bibliographic. The count was physical. |
| | 10 | Large increase due to incorrect counts in previous years. |
| | 11 | Includes manuscripts only. |
| | 16 | Includes documents and media (such as microforms, videos, and sound recordings). |
| | 26 | Includes fringe benefits for salaries and wages. |
| | 35-37 | Policies, procedures, and data collection methods changed in 1995-96. |
| CALIFORNIA, BERKELEY | | Volumes held June 30, 1995 revised to 8,296,560. |
| | 2 | Increase in volumes added due to special technical service projects. |
| | 8-11 | Government documents are reported by material type when known, and otherwise as generic "government documents." |
| | 16 | Monograph expenditures include dollars spent on all library materials except serials. |
| | 20 | Total expenditures for library materials in 1994-95 was unusually high due to significant one-time expenses. 1995-96 budget for library materials was in fact higher than in 1994-95. |
| | 31 | FTE figures include temporary employees, and reflect temporary reductions in hours due to voluntary action by career employees. |
| | 35-36 | Patron self-renewal of materials introduced in 1995-96; these items were not counted, so they were not included. |
| | 36 | Interlibrary lending does not include photocopies provided by authorized document delivery subcontractors (e.g., Ingalt Express) who fill requests using the UC Berkeley collections. 1994-95 figure revised to 57,838. (1995-96 figure a 3% decrease). |
| CALIFORNIA, DAVIS | | Includes Harrison Western Research Center Library (20,547 bound volumes and 107 non-document serials) in Fair Oaks, California. |
| | | Basis of volume count in General library is bibliographic; in Law library, it is physical. |
| | 19 | Includes for Law library: RLIN, $13,116; LEXIS and WESTLAW, $36,913. (1994-95 report incorrectly attributed the following footnote to Question 18, but it applied to Question 19.) Includes for Law library: RLIN, $21,000; LEXIS and WESTLAW, $40,386.") |
| CALIFORNIA, IRVINE | | Medical library statistics cannot be disaggregated from the main statistics because the Medical collection is an integral part of the main library. |
| | 1, 3 | Includes documents cataloged as part of a conversion project. |
| | 7 | Increase due to the document conversion project. |
| | 18 | Decrease due to the completion of the purchase of two large microform sets in 1995. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| CALIFORNIA, IRVINE (cont'd) | 19 | Figure represents prepayments. |
| | 21 | $25,897 in-house Bindery expense included in Other operating expenditures (26). |
| | 23 | Increase due to the addition of library assistant positions and the reduction of student assistant positions. |
| | 36 | 1994-95 figure revised to 556,471. |
| | 37 | 1994-95 figure revised to 100,302. |
| CALIFORNIA, LOS ANGELES | | Volumes held June 30, 1995 revised to 6,616,478. |
| | | Initial volume count in 1940s was bibliographic; subsequent counts of added volumes have been physical. |
| | 5-7 | Includes cataloged Government document serials. |
| | 22-25 | Fringe benefits are included in the expenditures for Salaries and wages. |
| | 29 | Professional staff includes Management and Professional Program employees. |
| CALIFORNIA, RIVERSIDE | 7 | The Government documents included in the bound volume count are accessible through the online catalog. |
| | 24 | Includes $22,986 in federal work study funds. |
| | 32-33 | Figures based on sampling. |
| | 43-46 | 1994-95 figure for Full-time students revised to 8,018; figure for Part-time students revised to 573; figure for Full-time graduate students revised to 1,157; figure for Part-time graduate students revised to 93. |
| CALIFORNIA, SAN DIEGO | 2-3 | Increase due to the transfer of 31,777 volumes, previously counted as government documents, to the bound volume count, and 9,792 volumes previously transferred out of the main library but not reported as transferred into a branch library until 1996. |
| | 17 | Includes monographic and publishers' series. Also includes all formats. |
| | 19 | Expenditures for database services (literature searches). |
| | 31 | Includes 18.76 FTE hired for cost recovery operations, special projects, and grants. |
| | 34 | 1994-95 figure revised to 185,681. |
| CALIFORNIA, SANTA BARBARA | 22-25 | Fringe benefits are included in the expenditures for Salaries and wages. |
| CANADA INST. FOR SCITECH | | All figures are as of March 31, 1996. |
| | | In 1994-95 CISTI was amalgamated with the publishing arm of the National Research Council of Canada (NRC Research Press), which accounts for the large percentage increases in salaries, operating expenses, expenditures and staff. |
| | | Medical library statistics cannot be disaggregated from the main statistics because the Medical collection is an integral part of the main library. |

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| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| CANADA INST. FOR SCITECH. (cont'd) | 16-27 | Expenditures reported in Canadian dollars were: (16) $653,856; (17) $7,770,382; (18) 197,200; (19) $0; (20) $8,621,438; (21) $0; (22) $6,699,185; (23) $4,148,110; (24) $0; (25) $10,847,295; (26) $11,213,304; (27) $30,682,037. |
| | 22-25 | Fringe benefits are included in the expenditures for Salaries and wages. |
| | 39 | Decrease in filled requests received from other libraries due to the introduction of a $50 fee for this service. |
| CASE WESTERN RESERVE | 1-4 | For Main Library, Government documents figure is determined by formula in specific instructions. |
| | 4 | For Main Library, does not include monographs received as part of standing orders. |
| | 9 | For Law library, based on the formula 1 foot=52 pieces. Last year's figure was incorrectly reported. |
| | 22, 28 | For Main library, includes one FTE paid from grant funds. |
| | 41 | Includes interdisciplinary fields that previously were not included. |
| CENTER FOR RESEARCH LIBS. | 1-3, 8 | Includes Government documents (number estimated). |
| | 4 | Decrease reflects a decline in the number of Russian monographs received and foreign doctoral dissertations that are gradually shifting into microform units as their format changes. |
| | 5-7 | Excludes most Government documents in collection. |
| | 10 | Figure for Computer files represents a collection of digitized files for LAMP on CRL's Web site that appears to users as one large file but is actually many. |
| | 12-15 | Audiovisual materials are counted with the material they accompany. |
| | 18, 27 | Includes restricted-fund expenditures. |
| | 19 | Miscellaneous library materials expenditures includes funds for replacement. 1994-95 figure represents a number of newspaper backfiles that were replaced as a result of CRL's move in FY1993/94. |
| | 26 | Excludes figures related to building maintenance. |
| | 28 | Includes 3 FTE of grant-funded personnel. |
| | 29 | Includes 1 FTE of grant-funded personnel. |
| CHICAGO | | Medical library statistics cannot be disaggregated from the main statistics because the Medical collection is an integral part of the science collections. |
| | 3 | Includes cataloged Government documents. |
| | 4 | Excludes monographic series and continuations. |
| | 7 | Includes monographic series and cataloged Government document serials (paper and microform); excludes duplicate subscriptions. |
| | 9 | Chicago catalogs and classifies most Government documents for the general collections. The library has no separate Government documents department, and counts of uncataloged Government documents are not maintained. |
| | 10, 13-15 | Figures do not include unprocessed items. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| CHICAGO (cont'd) | 16 | Excludes monographic series and continuations. |
| | 17 | Includes monographic series and duplicate subscriptions. |
| | 18 | Figure constitutes some electronic media (LEXIS and WESTLAW). Other electronic media, manuscripts, etc. included in Monographs expenditures (16) and Serials expenditures (17). |
| | 22-25 | Segregated data not available on cost recovery positions and staff hired for special programs and grants. |
| | 32-34 | Figures based on sampling. |
| | 36 | Figure reflects a decrease in renewals due to changes in renewal policies for student borrowers. |
| | 38-39 | Includes 917 requests filled by the Center for Research Libraries. |
| CINCINNATI | | Volumes held June 30, 1995 revised to 2,049,856. |
| | | Excludes libraries at Raymond Walters College and Clermont College. |
| | | Basis of volume count in University Libraries and Medical Center libraries is physical; in Law library it is bibliographic. |
| | 7-10 | 1994-95 figures for Law library were incorrectly reported: figure for Current serials (7) revised to 19,409 (Law figure revised to 2,368); Microform units (8) revised to 2,939,951 (Law figure revised to 608,419); Government documents not counted elsewhere (9) revised to 390,713 (Law figure revised to 43,528); and figure for Computer files (10) revised to 2,623 (Law figure revised to 145). |
| | 38-39 | Figures have been estimated to exclude branch campus libraries. Patron initiated borrowing through OhioLINK greatly impacts these statistics. |
| COLORADO | 10 | 1994-95 figure for Computer files was incorrect. |
| | 18 | Includes bibliographic utility expenditures, special purchases, online searching, etc. |
| | 23 | Includes 2.5 support staff FTE paid from auxiliary funds. |
| | 24 | Includes 36 student assistants FTE paid from work study funds. |
| COLORADO STATE | 2 | Includes 12,328 documents. |
| | 8 | Includes 1,860,095 documents. |
| | 19 | Includes ARL ($13,850); Access/ILL ($130,065); networking operations ($97,200); CNI ($2,250); Access ($40,000); bindery supplies ($7,068); class searches ($231); BNA ($4,527); Educom ($1,134); purchase plan reserve ($1,000); Tattle Tape ($5,390). |
| | 26 | Includes funding for new automation system ($572,100). |
| COLUMBIA | | Basis of volume count in Law library is bibliographic. |
| | 1-8 | Includes Government documents. |
| | 18-19 | Included in Monograph expenditures (16). |
| | 38 | ILL provided by Law library includes 891 as standard ILL and 6,481 as fee-based service provider. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| CONNECTICUT | | Includes Greater Hartford Campus. Excludes Avery Point, Stamford, Torrington, and Waterbury campuses. |
| | 15 | 1994-95 figure revised to 4,837 (figure for Health Center library incorrectly reported as 2,220 instead of 222). |
| CORNELL | | Includes Geneva Experiment Station. Ithaca campus includes the Africana, Engineering, Fine Arts, Hotel, Kroch (Rare & Mss. Coll.), Law, Management, Mathematics, Music, Olin/Kroch (Asia Coll.), Physical Sciences, Uris, Industrial & Labor Relations, Mann/Entomology, and Veterinary Medicine libraries. |
| | 11 | Manuscripts and archives are in cubic feet. |
| | 28-31 | Includes professional staff, support staff, and student assistants on grants and projects. |
| | 34 | Decrease due to a change in the method of counting. |
| | 36 | Includes reserves. |
| | 42 | Faculty count includes only full, associate, and assistant professors. Excludes faculty at the Medical Division in New York City. |
| | 43-46 | Excludes Medical Division in New York City and students registered in absentia. Part-time enrollment reflects employee degree registrants only. |
| DARTMOUTH | 28 | Includes 1 FTE professional staff grant-supported. |
| | 29 | Includes 1 FTE support staff grant-supported. |
| DELAWARE | | Includes Marine Studies library at the University of Delaware Marine Studies Research Complex in Lewes, Delaware. |
| | 1-3, 8 | Includes Government documents. |
| | 18 | Included in Monograph expenditures (16) and Serial expenditures (17). |
| | 22-25 | Excludes professional and support staff in Information Technologies assigned to the library. |
| DUKE | 4 | Excludes Law library. |
| | 19 | Figure represents expenditures for ILL/Document Delivery. |
| | 35-36 | Includes some reserve circulations. |
| | 37 | Excludes Law and Medical Center libraries. |
| | 42 | Last year's figure included basic sciences pre-clinical faculty. |
| EMORY | | Volumes held June 30, 1995 revised to 2,256,847 due to the addition of a corrected count of 125,608 cataloged Government documents (linear feet converted to volumes at 1 LF=10 volumes). |
| | | Includes Theology library and Oxford Campus. |
| | 9 | Includes uncataloged Government documents in Law library (pieces). Corrected to include uncataloged Government documents in General Libraries (volumes converted to pieces at 1 volume=5.2 pieces). |
| | 16-27 | Figures are as of August 31, 1996. |





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| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| | 22 | Includes 3 FTE grant-funded positions. |
| | 23 | Includes 2 FTE cost-recovery positions. |
| FLORIDA | 6 | Collection reviews resulted in excluding exchange items not needed to support the academic programs. |
| | 7 | 534 serials subscriptions canceled as a result of fiscal considerations and collection reviews. |
| | 19 | Miscellaneous expenditures ($615,587): Database Searches ($106,407); ILL ($13,105); Document Delivery ($21,971); Preservation ($40,083); Contracted Computer Services ($434,021). |
| | 22 | Figures for 1994-95 included fringe benefits. |
| | 38 | 1994-95 figures include a double count. Actual number of filled requests was 53,164. |
| FLORIDA STATE | | Includes branch campus in Panama City (holdings and materials expenditures only); excludes Developmental Research School. |
| | 1-3 | Includes most cataloged Government documents. |
| | 16 | Includes some microforms, audiovisual materials, etc. |
| | 19 | Miscellaneous expenditures ($173,413): Online Databases ($97,214); Document Delivery ($15,000); for Law library: Computer Bibliographic Services ($12,056); Online Databases ($48,991); Preservation activities ($152). |
| | 40 | Figure represents total number of doctoral degrees awarded; number of Ph.D.s not available. |
| | 41 | Increase in number of Ph.D. fields due to a change in reporting; figure now represents degree fields, not degree programs. |
| GEORGETOWN | | Volumes held June 30, 1995 revised to 2,071,389. |
| | | Includes reference library of Kennedy Institute of Bioethics. |
| | | Basis of volume count in Law library is bibliographic. |
| | 10 | Increase in Computer files due to the inclusion of the Medical library's figure, which was previously reported as unavailable. |
| | 11 | Two large archival collections transferred to other institutions. |
| | 27 | Does not include Medical library grant and contract funding. |
| | 28 | Does not include 11 positions funded by grant or contracts in the Medical library. |
| | 35-37 | Medical library circulation not available. |
| | 42 | Figure is estimated. |
| GEORGIA TECH | 1-3, 5-7 | Includes Government documents that are cataloged, classified, and housed separately. |
| | 34 | Figure based on sampling. |
| GUELPH | | All figures are as of April 30, 1996. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| GUELPH (cont'd) | 10 | 1994-95 figure revised to 837. |
| | 16-27 | Expenditures reported in Canadian dollars were: (16) $818,142; (17) $2,194,230; (18) U/A; (19) $88,011; (20) $3,100,383; (21) $101,883; (22) $1,493,286; (23) $3,211,828; (24) $148,826; (25) $4,853,940; (26) $992,756; (27) $9,048,962. |
| | 19 | Includes Bibliographic Utilities (Can $25,240); Security (Can $15,771); Memberships (Can $47,000). |
| | 34 | 1994-95 figure for Reference transactions included directional questions; this year's figure does not. |
| HARVARD | | Volumes held as of June 30, 1995 revised to 13,162,389. |
| | | Includes research institutions in the District of Columbia and Italy. |
| | | All Ph.D.s are awarded through the Graduate School of Arts and Sciences. |
| | 1-2 | Includes some Government documents. |
| | 6 | Includes some Government documents; excludes some international Government documents. |
| | 26 | Figure includes some expense attributable to Miscellaneous expenditures (19). Figure for 1994-95 revised to $16,450,341. |
| | 27 | Separate figures for expenditures from grants and special projects are not available. Excludes fringe benefits ($9,019,270) and buildings and maintenance ($3,872,992) charged to library budget. Includes cost recovery items ($5,612,213). Figure for 1994-95 revised to $66,652,454. |
| | 42 | Excludes Medicine, Dental, and Law libraries. |
| HAWAII | 1-3, 5-8 | Includes Government documents; based on a formula applied to a piece count. |
| | 4 | Figure represents monographic titles purchased; piece count is not available. Decrease due to a 12% cut in the book budget. |
| | 5-7 | Serials currently received are down due to two factors: 1) the cancellation of over 1,400 titles because of a 12% cut in the materials budget and because of inflation of serials cost; and 2) the completion of the review and cancellation of serial titles not purchased. |
| HOUSTON | | All figures are as of August 31, 1996. |
| | | Volumes held June 30, 1995 revised to 1,846,381. |
| | | Excludes branch campus libraries at Clear Lake, Victoria, and Downtown. |
| | 3 | 1994-95 figure revised to 42,379. |
| | 27 | Decrease due to Innovative Interfaces Inc. payment in 1994-95 and reduction of $500,000 in University Supplement for 1995-96 (from $1.6 million in 1994-95 to $1.1 million in 1995-96). |
| HOWARD | | Volumes held June 30, 1995 revised to 2,279,228. |
| | 23, 26 | Includes institutional support for electronic information systems. |
| | 29 | Includes institutional support for information technology and learning resources. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| ILLINOIS, CHICAGO | 4 | Includes Government documents. |
| | 6 | Increase due to the addition of a number of Government documents subscriptions. |
| | 10 | Count is by title, not by unit. |
| | 13 | Excludes graphics in Special Collections. |
| | 17 | Increase reflects expenditures for electronic materials, including electronic abstracts, indexes, databases, etc. 1994-95 figure revised to $3,620,378. |
| | 18 | Decrease reflects the shifting of expenditures for electronic materials to Current serials including periodicals expenditures (17). |
| | 20 | 1994-95 figure revised to $5,017,853. |
| | 26 | 1994-95 figure revised to $1,453,926. |
| | 41 | Includes 6 new Ph.D. programs. 1994-95 figure revised to 45. |
| | 42 | 1994-95 figure revised to 1,624. |
| | 44 | For FY1995-96 UIC changed from the campus definition of FTE (12 hours or more) to the federal definition (9 hours or more), which increased the number of full-time students while decreasing the number of part-time students. |
| ILLINOIS, URBANA | 28 | Includes 40 FTE graduate assistants, with 5 FTE graduate assistants funded from research grants and other temporary funds. |
| | 34 | Figure based on sampling. |
| | 42 | 1994-95 figure revised to 1,871. |
| INDIANA | | Excludes branch campus libraries at Indianapolis, Ft. Wayne, Kokomo, South Bend, East (Richmond), Northwest (Gary), and Southeast (New Albany). |
| | 16-27 | Figures do not include the Kinsey Institute. |
| | 26 | Increase in Other operating expenditures due to special funding for library automation project. |
| | 35-36 | Includes reserves; Indiana's system does not separate reserves from other circulations. |
| IOWA | | Basis of volume count in Law library is bibliographic. |
| | 1-3 | Excludes annuals and proceedings. |
| | 1-4 | Includes music scores and some annuals. |
| | 22 | Excludes salary for .5 FTE Associate Dean for Research in Law. |
| | 35 | Initial circulation in Law library is 20,544. |
| | 42 | There are also 652 clinical and pre-clinical faculty, with departmental appointments in addition to the 1,085 instructional faculty. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| IOWA STATE | | Government documents are included in the volume count, using the 5.2 documents pieces per volume formula. Volumes held for June 30, 1995 and prior years revised to reflect previous misapplication of volume-equivalency formula for government publications: Volumes held June 30, 1992 revised to 1,953,089; Volumes held June 30, 1993 revised to 1,986,928; Volumes held June 30, 1994 revised to 2,018,327; Volumes held June 30, 1995 revised to 2,058,391. |
| | 2 | 1994-95 figure revised to 49,432. |
| | 3 | 1994-95 figure revised to 40,064. |
| | 19 | Miscellaneous expenditures of $204,711 include preservation supplies and reformatting contract services ($103,211), I.L. document service charges ($20,000), and OCLC charges ($81,500). |
| | 28-30 | Cost recovery/grant/special project positions, paid out of other academic accounts, include 3.5 FTE for professional staff (28), 5.5 FTE for support staff (29), and 3.1 FTE for student assistants (30). |
| | 42 | Decrease due to a change in counting in order to be more consistent with the IPEDS and AAUP definitions. |
| JOHNS HOPKINS | | Includes Eisenhower Library, Welch Medical Library, Institute of the History of Medicine, School of Hygiene and Public Health library, Peabody Conservatory library, Applied Physics Laboratory library, School of Advanced International Studies (SAIS) in Washington, DC, and Bologna, Italy, the Center for Italian Studies in Florence, Italy, the Montgomery County Center in Rockville, MD, and the School of Continuing Studies, Columbia Center and Downtown Center. Excludes SAIS in Nanjing, China.<br><br>Data from the Applied Physics Laboratory covers January through December 1995. |
| | 1 | Includes Government documents based on ARL formula. |
| | 19 | Includes literature searching and postage for library materials. |
| KANSAS | | Volumes held June 30, 1995 revised to 3,377,381 due to complete collection inventory at University of Kansas Health Sciences library.<br><br>Includes Regents Center library, Overland Park Kansas, Health Sciences library, and Clendening History of Medicine Library in Kansas City.<br><br>Excludes University of Kansas School of Medicine at Wichita, KS. |
| | 1-3, 5-8 | Includes Government documents. |
| | 4 | Number of monograph titles purchased reported, since volume count is not available. |
| | 8 | Includes $20,000 (1.0 FTE) grant-funded position. |
| | 26 | Includes $908,515 of one-time computer hardware and software purchases. |
| | 41 | Includes one joint program with Kansas State, for a total of 56 fields at Lawrence campus and 11 at Kansas City. Two fields are inter-campus programs. |
| KENT STATE | | Includes main campus and branches at Ashtabula, Geauga, East Liverpool, Salem, Stark, Trumbull, and Tuscarawas. |

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| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| KENT STATE (cont'd) | 16-27, 28-31 | Expenditure and personnel figures include Audiovisual Services and Teleproductions. |
| KENTUCKY | | Other main campus libraries included: Agriculture, Architecture, Art, Biological Sciences, Chemistry/Physics, Education, Engineering, Geological Sciences, Mathematical Sciences, and Music.<br><br>Excludes branch campus libraries at Lexington, Prestonburg, Madisonville, Hopkinsville, Henderson, Louisville (2), Ashland, Somerset, Maysville, Elizabethtown, Cumberland, Hazard, Owensboro, and Paducah. |
| | 9 | Decrease due to the incorrect figure reported for 1994-95. |
| | 14 | Increase due to previously unreported items in the Special Collections Department. |
| | 21 | 1994-95 figure revised to $123,351. |
| | 34 | Decrease due to the inclusion of directional questions in 1994-95. |
| | 39 | Decrease due to a change in an accounting procedure in the Medical Center library. |
| LAVAL | | All figures are as of May 31, 1996.<br><br>Medical and Law library statistics cannot be disaggregated from the main statistics because the Medical and Law collections are an integral part of the main library. |
| | 5 | 1,800 publications previously reported as serials are now reported as monographs. |
| | 9 | Decrease due to cataloged Government documents. |
| | 18 | Includes CD-ROM expenditures that were previously reported as monograph expenditures. |
| | 21 | Most binding is done in-house. |
| | 28 | Includes 1.5 professional staff for special projects. |
| LIBRARY OF CONGRESS | | All figures are as of September 30, 1996. |
| | 2 | Arrearage reduction effort underway; this figure includes many prior-year acquisitions. |
| | 7 | Total number of Current serials can only be estimated. |
| | 11 | Figure is an estimate. |
| LINDA HALL | | All figures are as of December 31, 1995. |
| | 1-3, 5-8 | Includes Government documents. |
| | 9 | Government document piece count estimated. |
| | 11, 13 | 1993-94 and 1994-95 figures revised to N/A. |
| LOUISIANA STATE | | Includes Law library and Veterinary Medicine library. |
| | 4 | Figure reflects only books received in 1995-96. |
| | 5 | Increase due to a net subscription increase at the Law library. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| LOUISIANA STATE (cont'd) | 10 | Figure reflects titles only, not pieces. |
| | 12 | Figure represents a revised count. |
| | 14 | Increase in Audio is the result of a revised count. |
| | 15 | Decrease in Film and Video is the result of a revised count. |
| | 18-19 | The Main library cannot disaggregate these numbers. |
| | 21 | Figure varies from year to year due to deposit accounts. |
| McGILL | | All figures are as of May 31, 1996. |
| | 16-27 | Figures reported in Canadian dollars were: (16) $2,083,832; (17) $3,640,244; (18) $546,550; (19) $295,714; (20) $6,566,340; (21) $266,020; (22) $4,485,202; (23) $5,359,643; (24) $564,231; (25) $10,409,076; (26) $1,112,605; (27) $18,354,041. |
| | 19 | Includes Tattletapes (Can $26,389), bibliographic searching (Can $162,747), and memberships (Can $106,578). |
| | 26 | Includes capital equipment (Can $61,403) and major equipment (Can $76,613). |
| | 41 | Includes ad hoc fields not reported previously. |
| | 42 | 1994-95 figure revised to 1,618. |
| McMASTER | | All figures are as of April 30, 1996. |
| | 4 | Number of monographic volumes purchased is an estimated figure. |
| | 6 | 1994-95 figure revised to 4,064. |
| | 7 | 1994-95 figure revised to 14,047. |
| | 16-27 | Figures reported in Canadian dollars were: (16) $1,060,997; (17) $3,731,751; (18) $32,776; (19) $23,290; (20) $4,848,814; (21) $123,759; (22) $2,010,589; (23) $3,989,297; (24) $298,159; (25) $6,298,045; (26) $606,813; (27) $11,877,431. |
| | 24 | Includes all student salary payments, all shift premium payments to support staff, any additional salary payments made to full-time staff to cover delayed staff replacements, illness coverage, and any emergency staffing needs. |
| | 24, 30 | Includes library interns. |
| | 28 | 1994-95 figure revised to 37. |
| | 29 | 1994-95 figure revised to 133. |
| MANITOBA | | All figures are as of March 31, 1996. |
| | 16-27 | Expenditures reported in Canadian dollars were: (16) $948,667; (17) $2,487,469; (18) U/A; (19) $69,304; (20) $3,505,440; (21) $138,003; (22) $2,824,311; (23) $3,966,135; (24) $583,330; (25) $7,373,776; (26) $1,135,449; (27) $12,152,668. |
| MARYLAND | 2 | Drop in productivity due to loss of 3 copy cataloging positions. Volumes withdrawn include a large serial volume weeding project. |
| | 14 | 4,554 phonorecords withdrawn as compact discs replace phonorecords. |



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| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| MARYLAND (cont'd) | 16 | Additional funds were added to the book budget by the campus ($400,000 during the year). |
| | 17 | Includes a $500,000 prepayment for FY97 renewals, mostly funded by a $357,700 carry over from the previous fiscal year and an additional $100,000 from the campus. Figure also includes expenditures for electronic serials previously included in other categories. |
| | 18 | Reflects increased spending on electronic databases, with some of the funding coming from the University of Maryland System. |
| | 22 | Increase due to the shifting of library school interns from the student assistants budget (24) to the professional budget (22). |
| | 28-31 | Total does not include 13 FTE contract and 6 FTE hourly non-student employees (totaling 19 FTE). These categories include both professional and support staff. |
| | 34 | Decrease in number of reference questions answered is due to loss of lines and vacancies. |
| | 38, 39 | The UMCP Libraries cooperatively charge and deliver materials between the libraries of the other campuses in the University of Maryland System. These transactions are counted in (36) as direct patron loans, not interlibrary loans. |
| MASSACHUSETTS | 1-3, 5-8 | Includes Government documents received since 1976. |
| | 14 | Increase due to the addition of previously uncataloged items. |
| | 15 | Audio-visual department was detached from the library and reassigned to another administrative unit. |
| | 24 | Includes $347,015 in federal work-study grant funds. |
| | 36 | Increase due to several changes in circulation policy. |
| | 40 | Excludes Ed.D. degrees. |
| MIT | 1-3, 5-8 | Includes Government documents. |
| | 6-7 | Revised, automated count. |
| | 18 | Included in Monographs expenditures (16) and Current serials expenditures (17). |
| | 19 | Includes literature searching ($139,789), microfilming ($1,150), and postage ($41,204). Bibliographic utilities, formerly included here, are now included in Operating expenditures. |
| | 34 | Figure based on sampling. |
| | 41 | Revised, official count. |
| MIAMI | | Volumes held June 30, 1995 revised to 2,032,219. |
| | 22 | Excludes director's salary. |
| | 38 | Corrected figure of 38,507 received during production. |
| MICHIGAN | | Includes Bentley Historical Library, William L. Clements Library, Kresge Business Library, and Law library. Excludes Dearborn Campus library and the University of Michigan-Flint library. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| MICHIGAN (cont'd) | 1-3, 5-8 | Includes Government documents. |
| | 5-6 | Figures for Law library are estimated. |
| | 16-20 | Figures for the William L. Clements Library are estimated. |
| | 17 | Includes microform serials. |
| | 22 | Figure includes wages for librarians and Professional/Administrative category. |
| | 40 | Includes Ph.D. fields only; professional degrees and individualized program degrees are excluded. |
| MICHIGAN STATE | 5-7 | Includes monographic series that cannot be disaggregated. Includes Government documents. |
| | 11 | Revised count due to the removal of the University Archives, both physically and administratively, from the libraries. |
| | 17 | Includes expenditures for monographic series that cannot be disaggregated. |
| | 18 | Included in Monograph expenditures (16) and Serial expenditures (17). |
| | 26 | Increase due to under-reporting for 1994-95. |
| | 37 | Increase reflects better reporting of reserve circulation at branch libraries. |
| MINNESOTA | | Excludes branch campus libraries at Duluth, Morris, and Cookston. |
| | 2 | An ongoing conversion of non-cataloged volumes for Government documents added approximately 8,500 items. |
| | 4 | Figure reflects titles, not volumes. |
| | 6 | Figure reflects an increase in Government publication serials. |
| | 13-15 | Individual counts unavailable. Total Audiovisual is 700,237. |
| | 19 | Figure for 1995 discounts reflected on postage and service charge expenses as a result of advance payments made on serial subscriptions. No advance payments were made in 1996, and figure reflects higher postage and service charges. |
| | 26 | One-time expenditures of approximately $580,000 for upgrading computers and providing Internet access, and $243,000 for retirement buy-out. |
| | 34 | Figure represents a combination of actual counting and sampling. |
| MISSOURI | | Various Law library data from ABA report and estimates or figures based on 1994-95 data. |
| | 17 | Includes $446,427 from UM Library Systems Office for OVID databases. |
| | 22 | Includes $173,795 from UM Library Systems Office for OPAC. |
| | 26 | Includes $679,272 from UM Library Systems Office for OPAC. |
| NATL. AGRICULTURAL LIBRARY | | All figures are as of September 30, 1996. |
| | | Excludes USDA field libraries. |
| | 1-3, 5-8 | Includes Government documents. |

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| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| NATL. AGRICULTURAL LIB. (cont'd) | 12-15 | Figure represents title counts, not piece counts. |
| | 22-23 | Fringe benefits were included last year, but excluded this year. |
| | 29 | 1994-95 figure revised to 91. |
| NATL. LIBRARY OF CANADA | | All figures are as of March 31, 1996. |
| | | Volumes held March 31, 1995 was revised to include all volumes that were not counted in other categories. The revised figure for 1995-96 now includes Serials, Periodicals, and Special Collections, as well as Monographs. It excludes Government documents. Last year, Government documents serials were included in serials count. |
| | 4-5 | In addition to monographs purchased, two copies of documents published in Canada are received on legal deposit. |
| | 6 | Includes all active serials (non-government, Canadian federal and provincial government, and UNESCO) that are counted as copies. The concept of "copy" is equivalent to a subscription. |
| | 13 | Figures were not available previously. |
| | 16-17 | Canadian monographs and serials are received on legal deposit. Excludes materials purchased for staff as working copies. |
| | 16-27 | Expenditures reported in Canadian dollars were: (16) $641,081; (17) $691,068; (18) $817,991; (19) $59,100; (20) $2,209,240; (21) $135,310; (22) $11,361,165; (23) $8,673,996; (24) $215,582; (25) $20,250,743; (26) $11,303,081; (27) $33,763,064. |
| | 21 | Expenditure reflects major contract for Operation Recovery from damage due to flood. |
| | 28-31 | Utilized person-years. |
| | 32-33 | Figures include only orientation sessions and guided tours at NLC. |
| | 34 | Large decrease due to reduction in service points at the NLC, and the directional information count becoming integrated into the workflow process at the orientation desk. |
| | 35-36 | Revised figures include loans from all collections. |
| NATL. LIBRARY OF MEDICINE | | All figures are as of September 30, 1996. |
| | 1-3, 5-8 | Includes Government documents; based on a combination of titles and volume counts. |
| | 15 | Includes filmstrips, slide sets, slide tapes, and audio materials. |
| | 16-27, 28-31 | Figures reflect the Library Operations component of the library: Public Services, Technical Services, Bibliographic Services, and History of Medicine Divisions, as well as the Medical Subject Headings staff, the staff of the Regional Medical Library program, and the Office of the Associate Director for Library Operations. |
| NEBRASKA | 2 | A withdrawal project in the 500s and 600s was conducted this year. |
| | 4, 9, 10 | Figures unavailable for Law library. |
| | 6, 7 | Includes Government documents. |
| | 11 | Figures not applicable for Law library. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| NEBRASKA (cont'd) | 13 | Law library reported 0. For other libraries, figure includes only those Government documents cataloged using OCLC. |
| | 14-15 | Includes only those Government documents cataloged using OCLC. |
| | 19 | Miscellaneous categories are $35,802 for postage and $682 for other. |
| | 26 | Excludes $72,433 for building maintenance. |
| | 27 | Excludes $941,287 in benefits. |
| | 28 | Includes 2 FTE on grant funds. Former Dean (now Associate Vice Chancellor for Information Services) is a member of the Libraries' faculty, but his salary is not part of the Libraries' budget. His FTE is not reported in this year's figure, but was reported last year. |
| | 29 | Includes 3 FTE support staff on grant funds. |
| NEW MEXICO | | Volumes held June 30, 1995 revised to 2,026,567 to include 2,027 volumes of Native American Studies Center Library holdings and 2,657 volumes of Health Sciences Center Library holdings not reported previously.<br><br>The General library, the Law library, and the Health Sciences Center library are separately funded and administered.<br><br>Includes the following main campus libraries: Bainbridge Bunting Memorial Slide Library, MEC/Equity Library, Tireman Learning Materials Library, and Native American Studies Center Library.<br><br>Statistics reported for the UNM General library include Centennial Science and Engineering Library, Fine Arts library, Parish Memorial Library, Zimmerman Library, Center for Southwest Research, and Center for Academic Program Support, all located on main campus. Titles added to the OPAC for the following other main campus libraries are included in the General library volume count: Clark Field Archive and U.S.-Japan Center.<br><br>Excludes the following branch campus libraries: Gallup Campus, Harwood Foundation, Los Alamos Campus, Santa Fe Graduate Center, Taos Education Center, Valencia County Campus. |
| | 2 | General library multiplies number of non-government document titles by conversion factor 1.2 to estimate volumes. General library divides number of Government document pieces by 5.2 to estimate volumes. |
| | 4 | General Library and Health Sciences Center Library report titles only. |
| | 6-7 | General library includes Government documents in Current serials received. Law library and Health Sciences Center library exclude Government documents from Current serials received. |
| | 6 | General library holdings reported based on actual count by University of Iowa of government depository serials currently received. |
| | 10, 13, 14, 15 | Health Sciences Center Library reports titles, not units. |
| | 26 | Includes appropriation from State Legislature for the General Library Center for Southwest Research. |
| | 28-31 | Includes 1 FTE professional staff and 2 FTE support staff in grant funded positions in the General library. |
| | 34 | Does not include personal one-to-one supplemental instruction in course content delivered by the General Library Center for Academic Program Support. |
| | 45 | 1994-95 figure revised to 3,145. |



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| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| NEW MEXICO (cont'd) | 46 | 1994-95 figure revised to 4,863. |
| NEW YORK | | All figures as of August 31, 1996. |
| | | Includes Elmer Holmes Bobst Library, Institute of Fine Arts, Real Estate Institute, Courant Institute of Mathematical Sciences, Kriser Dental Center, Ehrman Medical Library, and Law School library. |
| | 13 | Large collection of photographs acquired. |
| | 14 | Decrease due to withdrawal of duplicate audiocassettes. |
| | 22-27 | Previous salary figures had included campus media staff who are part of NYU Division of Libraries. These salaries are no longer included. |
| | 28 | Includes professionals who are not librarians. |
| | 33-34 | Figures based on sampling. Increases due to better record keeping. |
| NEW YORK PUBLIC LIBRARY | 1-3, 5-8 | Includes Government documents. |
| | 22-23 | Expenditures for Salaries and wages for both Professional staff and Support staff is $20,470,776. Separate figures are unavailable. |
| | 26 | Includes expenses associated with opening of new Science, Industry & Business Library. |
| | 31 | Includes number of positions authorized; does not reflect number of positions filled/vacant at any given time. Number also includes one-time only project positions. |
| NEW YORK STATE LIBRARY | | All figures as of March 31, 1996. |
| | | Medical and Law library statistics cannot be disaggregated from the main statistics because the Medical and Law collections are an integral part of the main library. |
| | 1-3, 5-8 | Includes Government documents. |
| | 16-27 | Includes figures for NEH and library fund, as well as State and LSCA funds. |
| NORTH CAROLINA | | Volumes held June 30, 1995 revised to 4,556,561 to include Government documents for which cataloging records are available. |
| | | Includes Institute of Marine Sciences library. |
| | 1-3, 5-8 | Includes Government documents. |
| | 19 | Miscellaneous library material expenditures include payments for CRL membership and for electronic database access. |
| | 26 | Includes one-third of expenditures, or $5,090 for software purchased by Duke on behalf of UNC, Duke, and NCSU. |
| | 27 | Includes $2,955,500 in grants, trust, and other special funds; excludes $207,770 in expenditures for the Triangle Research Libraries Network from funds contributed by Duke, North Carolina State, and North Carolina Central Universities. |
| | 28-31 | Includes 2.0 FTE on special grant funds; excludes 3 FTE paid from funds contributed by Duke, North Carolina State, and North Carolina Central Universities for support of the Triangle Research Libraries Network. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| NORTH CAROLINA STATE | | Includes Veterinary Medical Library. |
| | 4 | Includes some monographic standing order items paid from serials funds. |
| | 16-17 | Some monographic series are paid from serials funds included in (17). |
| | 19 | Includes bibliographic utilities ($95,000) and memberships ($46,546). |
| | 28 | Includes 1 FTE grant-supported and 1.85 FTE temporary professional. |
| NORTHWESTERN | | All figures are as of August 31, 1996. |
| | | Includes Law and Health Sciences libraries on Chicago Campus (Medical and Dental libraries have merged to form Health Sciences library). |
| | 1-3 | Includes Government documents. |
| | 11 | Excludes Law and Health Sciences libraries. |
| | 12 | Decrease due to a large weeding project that is still in progress. |
| | 13-15 | Excludes Health Sciences library. |
| | 33-34 | Excludes Law library. |
| | 38-39 | Data reported in earlier years included interlibrary loans between Evanston and Chicago campuses. |
| | 42 | The number of Medical School full-time instructional faculty reported in the University's Data Book has fluctuated due to personnel system coding changes. |
| NOTRE DAME | 18 | Includes a $400,000 purchase of 18th century English literature on microfilm. |
| | 19 | Includes costs of a program of preservation microfilming for Notre Dame's medieval studies collection, certain other costs of preservation, material costs of ILL, Document Delivery, Database access, etc., including OCLC access. |
| | 26 | Includes a purchase of public chairs ($326,000) for the University Libraries. |
| | 33 | Figure based on sampling. The University Libraries (excluding the Law library) have based their total (13,215) on a uniform multiplier of 15 (i.e., 15 x 881 presentations). |
| OHIO | | Includes Athens (main) campus holdings in Alden Library, the Music/Dance Library, the Chemistry/Physics Reading Room, and the Mathematics/Computer Science Reading Room. |
| | | Includes branch campus libraries in Chillicothe, Lancaster, Ironton, St. Clairsville, and Zanesville. |
| OHIO STATE | | Includes Agriculture, Biological Sciences/Pharmacy, Business, Education/Psychology, Fine Arts, Geology, Health Sciences, Human Ecology, Journalism, Law, Music/Dance, Science/Engineering, Social Work, Undergraduate, and Veterinary Medicine libraries. |
| | 1-7 | Includes Government documents. |
| | 10 | Count includes individual issues of electronic serials that are cataloged and stored on an OSU computer. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| OHIO STATE (cont'd) | 14-15 | Currently, the computer system does not differentiate between audio and visual materials. Total count for combined A/V is 16,989. |
| | 26 | Includes expenditures attributed in 1983-84 and earlier years to the University Computer Center. |
| | 28-31 | Includes 2.0 FTE positions funded by grants. |
| | 34 | Figure based on sampling. |
| | 36 | 1994-95 figure for total circulations reflects a period of change from one computer system to another. |
| | 38-39 | Figures reflect traditional ILL, plus materials loaned and borrowed via the OhioLINK statewide system. |
| OKLAHOMA | 1-3, 8 | Excludes Government documents. |
| OKLAHOMA STATE | | Includes Architecture, Curriculum Materials, Edmon Low, Patent and Trademark, and Veterinary Medicine libraries. Includes the OSU technical branches in Oklahoma City and Okmulgee and OSU's College of Osteopathic Medicine in Tulsa. |
| | 34 | Figure based on sampling. |
| OREGON | | Volumes held June 30, 1995 revised to 2,143,566. |
| | 19 | Miscellaneous library materials include the University of Oregon System Computer files and search services, $187,144; Document delivery and interlibrary loan charges, $28,297; System maintenance and database services, $160,737; and Bibliographic utilities, networks, and consortia, $161,802. |
| | 26 | Includes other automated system hardware and software; all other supplies, services and equipment. |
| PENNSYLVANIA | 1-3, 5-8 | Includes Government documents. |
| PENNSYLVANIA STATE | | Includes main campus and branches at Abington-Ogontz Allentown, Altoona, Beaver, Berks, Delaware, DuBois, Fayette, Hazleton, McKeesport, Mont Alto, New Kensington, Penn State Erie, Penn State Great Valley, Penn State Harrisburg, Schuylkill, Shenango Valley, Wilkes-Barre, Worthington-Scranton, and York, unless specified otherwise. |
| | 13-14 | 1994-95 was the first year that graphic and audio materials at the branch campuses began to be cataloged and counted. |
| | 34 | Figure derived from sampling for main campus only (extrapolation figure used: 41.2987); actual numbers reported for branch campuses. |
| PITTSBURGH | | Volumes held June 30, 1995 revised to 3,636,668. |
| | | Includes branch campus libraries at Bradford, Greensburg, Johnstown, and Titusville. |
| | 32-34 | Figures based on sampling. |
| PRINCETON | 13 | Large increase reflects an actual count; figures for previous years were underreported. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| PURDUE | | Volumes held June 30, 1995 revised to 2,166,949. |
| | | Excludes branch campuses at Purdue North Central in Westville, Purdue Calumet in Hammond, and Purdue Fort Wayne in Ft. Wayne.* |
| | 1-3 | Includes cataloged Government documents. |
| | 4 | The number of monographic volumes purchased excludes volumes purchased on sponsored research programs. |
| | 6 | Prior to 1995-96, the number of current serials, including periodicals, received but not purchased included only gift serials. Beginning with 1995-96, this reporting category includes cataloged depository, exchange, and gift serials. |
| | 18 | Expenditures for these materials are included in Monograph expenditures (16) and Serial expenditures (17), and cannot be disaggregated. |
| QUEEN'S | | All figures are as of April 30, 1996. |
| | 1-15 | Excludes Government documents. |
| | 13 | Excludes Education library. |
| | 17 | Includes microforms. |
| | 18 | Includes audiovisual materials only. |
| | 16-27 | Expenditures reported in Canadian dollars were: (16) $1,444,137; (17) $3,798,187; (18) $39,932; (19) $0; (20) $5,282,256; (21) $149,190; (22) $2,194,360; (23) $4,327,704; (24) $319,334; (25) $6,841,398; (26) $1,028,332; (27) $13,301,176. |
| | 26 | Includes a $201,814 one-time allocation. |
| | 28 | Includes 1 FTE Librarian contract positions paid on soft money, not operating funds. |
| | 32-34 | Figures based on sampling. |
| | 42 | All ranks combined, including Deans and excluding preclinical and clinical instructors. Data as reported to Statistics Canada. Previous data excluded basic medical instructors in error. 1994-95 figure revised to 816. |
| | 43-46 | Enrollments as of November 1, 1995. |
| | 43 | Includes 2,058 graduate students. |
| | 44 | Includes 641 graduate students. 1994-95 figure revised to 3,985. |
| | 45 | Excludes Interns, Residents, and Fellows. |
| | 46 | Excludes Theology students. |
| RICE | 4, 35-37 | Data unavailable due to a change in the library's automated system. |
| | 5-7 | Decrease due to recalculation of serial subscriptions. |
| | 11 | Manuscripts and archives are in cubic feet. |
| | 19 | Miscellaneous expenditures: Memberships for purposes of publications and access, $43,755; ILL, $46,465; Library system and computer software, $56,500. |
| | 38-39 | Excludes borrowing and lending activity for fee-based off-campus information delivery operation. |



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| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| RICE (cont'd) | 44 | 1994-95 figure revised to 151. |
| ROCHESTER | 1 | Basic volume count for Sibley Music Library is bibliographic. |
| | 1, 4 | Includes Government documents for River Campus libraries. |
| | 4 | Title count for Edward G. Miner Library. |
| | 5-7 | Includes purchased duplicate subscriptions to Government document serials. Does not include all Government document serials. |
| | 5 | Includes purchased duplicate subscriptions for River Campus libraries. |
| | 6 | Not kept separately of Sibley Music Library, included in Current serials purchased (5). |
| | 9 | Excludes Sibley Music Library. |
| | 11 | Estimated for Sibley Music Library. |
| | 13 | Edward G. Miner Library only. |
| | 14 | Excludes Edward G. Miner Library. |
| | 17 | River Campus libraries includes monographic series and electronic serials. |
| | 18 | For Sibley Music Library, figure includes Audiovisual only; Microforms and Computer files included in Monograph expenditures (16). For River Campus libraries, included in Monograph expenditures (16). |
| | 19 | River Campus libraries only. |
| RUTGERS | | Figures include two law libraries, services to a non-Rutgers medical school, and campuses in Camden, Newark, and New Brunswick. |
| | 1, 3 | Includes newly cataloged Government documents. |
| | 12-15 | Total Audiovisual materials is 110,446 items. |
| | 19 | Includes memberships ($167,656). |
| | 25, 31 | Excludes staff hired for special projects and grants. |
| | 34 | Figure based on sampling. |
| SASKATCHEWAN | | All figures are as of April 30, 1996. |
| | | Excludes Theological College libraries on campus which are not part of the library system. |
| | 1-7 | Includes Government documents. |
| | 4 | Titles purchased. |
| | 6 | Includes 4,350 Government publication subscriptions received on deposit and 773 gifts. |
| | 16-27 | Expenditures reported in Canadian Dollars were: (16) $1,323,519; (17) $4,208,628; (18) U/A; (19) $142,603; (20) $5,674,750; (21) $87,391; (22) $1,954,402; (23) $3,206,175; (24) $203,544; (25) $5,364,121; (26) $813,950; (27) $11,940,212. |
| | 27 | Includes funding from grants and special funds. |
| | 35 | 1994-95 figure for initial circulations included reserve circulations. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| SMITHSONIAN | | All figures are as of September 30, 1996. |
| | | Branches outside Washington DC include: Center for Astrophysics, Cambridge, MA and Mt. Hopkins, AZ; Cooper-Hewitt Museum of Decorative Arts and Design, New York City; and Smithsonian Tropical Research Institute in Panama. |
| | 1-4 | As purchasing agent for all library materials for the Smithsonian Institution, Smithsonian Institution Libraries (SIL) purchases monographs and serials for some libraries that are not under SIL administration. The non-SIL libraries are located in the Hirshhorn Museum and Sculpture Garden, Woodrow Wilson International Center for Scholars, National Museum of American Art, National Portrait Gallery, and the Gustav Heye Center of the National Museum of the American Indian. Purchases for non-SIL libraries are not added to the SIL collections and therefore are not included in these numbers. |
| | 2 | Represents volumes received in the SIL branches. Microforms are not included. |
| | 5 | In 1996, 3,049 serials were purchased for SIL collections, 706 for non-SIL. Represents the number of titles, not volumes. Includes purchases for SIL and non-SIL libraries. The cost of purchases for non-SIL libraries is included in Monograph expenditures (16) and Serial expenditures (17). |
| | 16 | Includes expenditures for both print and non-print items; the amount for non-print items cannot be disaggregated from the total. |
| | 24 | During FY 1996, thirteen different students worked an estimated total of 4.5 FTE. |
| | 25 | Actual "on board" costs. Does not include any "lapsed salaries" due to vacancies. Lapsed salaries were reprogrammed for expenditures in other areas. |
| | 32 | There is no formal bibliographic instruction program. Instruction is provided to patrons as needed. |
| | 34 | Includes any time spent on bibliographic instruction as the need arose, for individual or group. |
| | 35-37 | There is no reserve collection. |
| SOUTH CAROLINA | | Volumes held June 30, 1995 revised to 2,865,585 to reflect documents that are cataloged/classified and listed in the online catalog. (Formulae used to determine total: 52 pieces per foot/10 volumes per foot.) 45 volumes added as a result of an addition error in submission of Medical Library statistics for 1995. |
| SOUTHERN CALIFORNIA | | Includes Law library, which is an administratively separate library located on Main Campus. Includes Health Sciences Library System, which is an administratively separate system and located on a separate Health Sciences Campus except for the Dental library, which is located on Main Campus. |
| | | Excludes the Safety and Systems Management library. |
| | 10 | Decrease is the result of a recount of Main Campus holdings. |
| | 12 | Figure is unavailable for Main Campus. Figure for Law library is 33; figure for Health Sciences Library System is 0. |
| | 28-31 | Staff for special projects and grants totals three people. |
| | 32-34 | Increases are based on inclusion of Law library counts for the first time. |

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| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| SOUTHERN CALIFORNIA (cont'd) | 34 | Law library figures are based on sampling; Main Campus and Health Sciences Libraries use actual count. |
| | 36 | Law library figure does not include renewals. |
| | 40 | Ph.D. figures are for 1994-95, and may include a minimal number of non-Ph.D. doctoral degrees. |
| SOUTHERN ILLINOIS | | Excludes School of Medicine library (Springfield), which is not administratively part of Library Affairs. |
| | 1-3 | Includes Government documents. |
| | 4 | Figure reflects title count. |
| | 28 | Includes personnel in the U.S. Grant Association, Distance Learning, and the medical account that were not reported in previous years. |
| | 34 | Figure based on sampling. |
| STANFORD | | Figures include Hopkins Marine Station Library. |
| | | All totals reflect 1991-92 figures for the Stanford Linear Accelerator Center, which has been unable to report since 1992. |
| | | Medical and Law library statistics cannot be disaggregated from the main statistics because the Medical and Law collections are an integral part of the main library. |
| | 1-3, 5-8 | Includes Government documents. |
| | 27 | Includes $57,458 in grant and contract funds. |
| | 31 | Includes 1.10 FTE paid from grant and contract funds. |
| | 34 | Method of counting reference transactions changed. |
| SUNY-ALBANY | | Includes the Thomas E. Dewey Graduate Library of Public Affairs and Policy on the east campus. |
| | 4 | Figure reflects title count. |
| | 19 | Includes: ILL services, $25,445; memberships, $58,746; bibliographic utilities, $37,000; computer-based reference services, $69,127. |
| | 22-23 | Salary breakdown is based on a percentage formula. |
| | 25 | Includes estimated 3 FTE professional, 3.3 FTE support staff, and 5.9 FTE student assistants in cost recovery positions and from grants. |
| SUNY-BUFFALO | 7 | Excludes Government documents. |
| | 12-15 | Figures are estimated. |
| | 19 | Includes memberships ($34,000) and bibliographic utilities and literature searching ($157,790). |
| | 25 | Excludes federal work-study funding. |
| | 28 | Excludes FTE for Law Library Director; .5 FTE for Music Library Director, and 1 FTE in Undergraduate Library supported by outside funding. |
| | 32-34 | Figures based on sampling. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| SUNY-BUFFALO (cont'd) | 40 | Figure is as of June 30, 1996. |
| SUNY-STONY BROOK | 1, 3 | Reflects extensive weeding project in Medical library. |
| | 5 | Includes all serials received by Medical library. |
| | 6 | Decrease reflects decline in number of print serials issued by GPO. |
| | 9 | Increase reflects change in formula used to count documents. |
| | 19 | Includes some expenditures for bibliographic utilities and automation, literature searching, memberships, and binding. |
| | 25 | Includes some early retirement benefits. |
| | 27 | Includes $380,486 from income fund and grants. |
| SYRACUSE | | Volumes held June 30, 1992 revised to 2,367,269; Volumes held June 30, 1993 revised to 2,405,798; Volumes held June 30, 1994 revised to 2,613,353. (1994 figure includes one-time count of 166,000 volumes held, because of Marcive tape load and volumes in Florence, Italy, the Division of International Programs Abroad library. Total volume count is only figure that includes branch campus in Italy.) |
| | 5, 6, 9-10 | Figures estimated. |
| | 11 | Includes 15,000 linear feet of University Archives and 5,000 feet of Special Collections material in remote storage. Excludes Law school. |
| | 22 | Includes $76,220 for Computing and Media Services staff. |
| | 26 | Includes $54,697 in one-time funding for computer hardware and $357,774 in Computing and Media Services operating expenses. |
| | 28 | Includes 1.5 FTE professional staff in Computing and Media Services. |
| | 40 | Excludes 272 J.D.s (College of Law). |
| TEMPLE | | Includes the Ambler and Tyler campuses. |
| | 5 | Approximately 830 titles included in the past have been shifted into the ceased or inactive categories, and are no longer included. |
| | 34 | Figure based on sampling. |
| | 37 | Figure based on reserve system-generated statistics, and is approximately 50,000 less than the estimated figure reported in 1994-95. |
| | 40 | Includes all academic doctoral degrees. |
| TENNESSEE | | Volumes held in June 30, 1995 revised to 2,143,328 to include Government documents available through the OPAC. The formula to calculate the number of volumes for Government documents was used. |
| | | Includes Knoxville Campus only. |
| | 9 | Cartographic materials previously included here are now included in Cartographic materials (12). |
| | 27 | Includes $402,038 from Restricted Accounts (e.g., endowed funds). |



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| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| TEXAS | | All figures are as of August 31, 1996 and include the General Libraries, the Center for American History, the Tarlton Law Library, and the Humanities Research Center. |
| | 4 | Includes 43,994 monographic volumes purchased by the General Libraries, 200 by the Center for American History, 2,223 by the Tarlton Law Library, and 1,095 by the Humanities Research Center. |
| | 5 | Includes 20,610 Current serials purchased by the General Libraries, 98 by the Center for American History , 6,154 by the Tarlton Law Library, and 347 by the Humanities Research Center. |
| | 6 | Includes 20,859 serials received but not purchased by the General Libraries, 250 by the Center for American History , 3,361 by the Tarlton Law Library, and 153 by the Humanities Research Center. |
| | 16 | Includes expenditures for monographs of $2,041,298 by the General Libraries, $53,264 by the Center for American History, $59,817 by the Tarlton Law Library, and $111,132 by the Humanities Research Center. |
| | 17 | Includes expenditures for Current serials of $3,253,881 by the General Libraries, $3,500 by the Center for American History , $727,473 by the Tarlton Law Library, and $11,394 by the Humanities Research Center. |
| | 18 | Includes expenditures of $117,421 by the General Libraries, $122,011 by the Tarlton Law Library, and $588,482 by the Humanities Research Center. |
| | 19 | Includes expenditures of $7,542 by the General Libraries and $31,400 by the Tarlton Law Library. |
| | 20 | Includes expenditures of $5,420,142 by the General Libraries, $56,764 by the Center for American History , $940,701 by the Tarlton Law Library, and $711,008 by the Humanities Research Center. |
| | 24 | Includes federal work-study funds. |
| | 31 | Includes 6.64 FTE staff hired on grant funds. |
| | 39 | 1994-95 figure revised to 22,011. |
| | 40 | Includes Ed.D. degrees. |
| TEXAS A&M | | All figures are as of August 31, 1996. |
| | | Medical library is a separate academic entity. |
| | | Includes Business and Agricultural Library and branch library at Galveston. |
| | 4 | Increase due to special allocation. Figures not available for branch or Medical library. |
| | 5 | Increase due to special allocation. |
| | 6-7 | Government documents serials included for the first time. |
| | 9-10 | Figures unavailable for branch library. |
| | 11 | Increase reflects a substantial number of personal collection papers added. |
| | 14 | Increase due to special allocation. |
| | 16 | Increase due to special allocation. |
| | 26 | Includes $396,667 for Computer Services Center operation of NOTIS. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| TEXAS A&M (cont'd) | 28-31 | Some nonlibrary professional positions were moved to support staff line, and ten new positions were created and filled in the support staff line in main library. |
| | 32-33 | Figures unavailable for main library. |
| | 35 | Figure unavailable for branch library. |
| | 35-36 | Figure for main library reflects a more accurate count. |
| | 37 | Figure unavailable for branch library. |
| | 41 | 1994-95 figure revised to 83. |
| | 42 | Figure is based on nine months at 100% effort. |
| TORONTO | | All figures are as of April 30, 1996. |
| | | Includes only the libraries of the University within the President's budget; excludes those of the federated and affiliated institutions. |
| | 1-4 | Includes monographic series and Government documents. |
| | 9 | Included in Microform units (8). |
| | 16-27 | Expenditures reported in Canadian dollars were: (16) $6,171,601; (17) $7,527,857; (18) U/A; (19) U/A; (20) $13,699,458; (21) $393,311; (22) $9,459,922; (23) $13,782,941; (24) $2,198,661; (25) $25,441,524; (26) $2,104,108; (27) $41,638,401. |
| | 18-19 | Included in Monograph expenditures (16) and Serials expenditures (17). |
| TULANE | 11 | 1994-95 figure was incorrect. |
| | 34 | Directional questions at a new lobby desk are no longer included. |
| | 37 | 1994-95 figure did not include Howard-Tilton Library. |
| | 38-39 | Undergraduates are now included. |
| | 41 | Ph.D. fields reduced. |
| UTAH | | Volumes held June 30, 1995 revised to 2,477,246. |
| | | Law and Medical libraries' statistics have been included with the main statistics since 1992-93. |
| | 1-3 | Includes cataloged Government documents. |
| | 5-7 | Includes Government documents. |
| | 32-33 | Figures based on sampling. |
| | 41 | 1994-95 figure reported incorrectly. |
| VANDERBILT | | Main campus libraries included are: Central, Science, Divinity, Education, Management, Music, Special Collections, and University Archives. |
| | 5-7 | Law library includes Government documents in count of current serials. |
| | 42 | Full-time instructional faculty figure includes clinical faculty. |

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| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| VIRGINIA | | Volumes held June 30, 1995 revised to 4,166,156 to include 351 cataloged Government documents. |
| | 5-7 | Includes Government document serials. Includes monographic series in Health Sciences and Law libraries. |
| | 8 | Includes Government documents in microformats. |
| | 9 | Includes all U.S., international, and Virginia state documents in separate documents collection, excluding those represented by OPAC records. |
| | 17 | Includes expenditures for monographic series in Health Sciences and Law libraries. |
| | 22-25 | At Health Sciences library, some of the positions are not state-funded; in those positions, the fringe benefits are included in the expenditures. |
| | 34 | Figure based on sampling. |
| VPI & SU | 7 | Figure based on improved statistical accounting from OPAC system. |
| | 9 | Effective February 1996, no retention in SuDocs ; all documents cataloged. |
| | 16 | Includes firm order approval and blanket order monographs. |
| | 19 | Includes bibliographic utilities, literature searching, membership dues (ARL, CNI, CRL), interlibrary loans, postage and handling, and VPI dissertation filming. |
| | 37 | Includes 94,334 paper transitions and 192,130 electronic transactions. |
| | 41 | In addition to the reported 47 fields in which Ph.D.s can be awarded, Ed.D.s can be awarded in 6 fields and D.V.M.s can be awarded in 1 field. |
| WASHINGTON | 4-7, 9-15, 33-34, 36-37, 40-41 | Figures are unavailable for Law library. |
| | 22 | Number for professional staff for Law library includes 2 non-librarians and the Head Librarian, who is classified as faculty. |
| | 28 | Includes 1 FTE librarian for Law library listed as a temporary who was hired for a special Law library project. |
| | 34 | Figures are available for Medical library only. |
| | 36 | 1994-95 figure revised to 3,067,608. |
| | 37 | 1994-95 figure revised to 204,776. |
| | 42-46 | Figures are unavailable for Medical library. |
| WASHINGTON STATE | | Excludes branch campuses at Spokane, Tri-Cities, and Vancouver. |
| | 12-15 | Figures include Manuscripts, Archives, and Special Collection items in addition to Media Materials Services collection. |
| | 16-27 | Includes expenditures for CD-ROMs, Microforms, and Manuscripts and archives items. |
| | 18 | Media Materials Services films and videos only. |
| | 19 | CRL membership dues. |
| | 26 | Includes Friends of the Library and library development funds. |

| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| WASHINGTON STATE (cont'd) | 34 | Figure based on sampling. |
| WASHINGTON U.-ST. LOUIS | 4, 6 | Figures unavailable for all libraries. |
| | 9 | Separate figures are for Social Work library only. |
| | 11 | Linear feet for Archives only; Manuscripts are reported by item count, not linear feet. |
| | 18 | Separate figures unavailable for central library. |
| | 19 | Includes Remote Searching ($514,540), Document Delivery ($87,931), Bibliographic Utilities ($302,818), and Memberships ($73,328). |
| | 28 | Increase represents telecommunications staff paid from the Medical library budget that were not in the staff counts last year. |
| | 32-35 | Figures unavailable for some departmental libraries. |
| | 34 | Figure based on sampling. |
| | 36 | Circulation and reserve transactions combined for departmental libraries (online system does not separate transactions. Total departments under central administration transactions = 127,195.) |
| | 37 | Separate figures unavailable for libraries under Central Administration and are included in Total circulations (36). |
| | 38-39 | Dramatic decline from last year because of error in reporting. Figures reported were total requests rather than filled requests. |
| WATERLOO | | All figures are as of April 30, 1996. |
| | | Volumes held April 30, 1995 revised to 1,750,254; Volumes held April 30, 1994 revised to 1,722,508. |
| | 2 | 1994-95 figure revised to 43,264. |
| | 3 | 1994-95 figure revised to 27,746. |
| | 5 | 1994-95 figure for current serials, including periodicals, purchased revised to 14,048; 1993-94 figure revised to 15,127; 1992-93 figure revised to 15,271; 1991-92 figure revised to 15,680; 1990-91 figure revised 15,342. |
| | 16-27 | Expenditures reported in Canadian dollars were : (16) $1,194,939; (17) $2,957,171; (18) U/A; (19) $412,127; (20) 4,564,237; (21) $85,146; (22) $2,331,284; (23) $3,865,125; (24) $380,240; (25) $6,576,649; (26) $845,745; (27) $12,071,777. |
| | 34 | 1994-95 figure for reference transactions revised to 66,726; 1993-94 figure revised to 67,158; 1992-93 figure revised to 72,536; 1991-92 figure revised to 70,514; 1990-91 figure revised 66,937. |
| | 35 | 1994-95 figure for initial circulations revised to 476,727; 1993-94 figure revised to 527,393; 1992-93 figure revised to 516,161; 1991-92 figure revised to 652,493; 1990-91 figure revised 532,856. |
| | 36 | 1994-95 figure for total circulations revised to 762,708; 1993-94 figure revised to 836,010; 1992-93 figure revised to 820,378; 1991-92 figure revised to 960,261; 1990-91 figure revised 822,799. |
| | 37 | 1994-95 figure for reserve circulations revised to 139,924; 1993-94 figure revised to 151,010; 1992-93 figure revised to 155,412; 1991-92 figure revised to 157,100; 1990-91 figure revised 169,550. |



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| INSTITUTION | QUESTION NUMBER | NOTES |
|---|---|---|
| WAYNE STATE | | All figures are as of September 30, 1996. |
| | | Includes Reuther Archives of Labor and Urban Affairs and College of Pharmacy and Allied Health Professionals. |
| | | Medical and Law library statistics cannot be disaggregated from the main statistics because the Medical and Law collections are an integral part of the Main library. |
| | 1-7 | Includes Government documents, based on sampling. |
| | 18 | Figure cannot be disaggregated from Monograph expenditures (16) and Serial expenditures (17). |
| | 34 | Figure based on sampling. |
| | 41 | 1994-95 figure revised to 53. |
| WESTERN ONTARIO | | All figures are as of April 30, 1996. |
| | 16-27 | Expenditures reported in Canadian dollars were: (16) $1,611,087; (17) $4,366,660; (18) U/A; (19) 0; (20) $5,977,747; (21) $191,079; (22) U/A; (23) U/A; (24) U/A; (25) $8,218,623; (26) $1,951,418; (27) $16,338,867 . |
| WISCONSIN | 1 | Includes maps not included in Cartographic (12). |
| | 7-9 | Some government document serials are assigned Library of Congress numbers and are in the serials count. |
| | 11 | Figure based on new measure of the collection. |
| | 12 | Includes maps not included in Volumes held June 30, 1996 (1). |
| | 34 | Figure based on sampling. |
| YORK | | All figures are as of April 30, 1996. |
| | | Includes Glendon Campus. |
| | 10 | Large increase due to a change in the counting procedure. |
| | 13 | Additional holdings 1,146 linear feet. |
| | 16-27 | Expenditures reported in Canadian dollars were: (16) $1,602,269; (17) $2,884,195; (18) $461,190; (19) $285,080; (20) $5,232,734; (21) $204,699; (22) $3,327,845; (23) $4,271,388; (24) $858,613; (25) $8,457,846; (26) $5,639,814; (27) $19,535,093. |
| | 26-27 | Includes Gifts-in-Kind donations as both revenue and expense. This year's figure represents an unusually high amount for Gifts-in-Kind. |

# APPENDIX A

## ARL MEMBER LIBRARIES

The Association of Research Libraries (ARL) represents the interests of 120 libraries that serve major North American research institutions. ARL operates as a forum for the exchange of ideas and as an agent for collective action to influence the forces affecting the ability of these libraries to meet the future needs of scholarship. The ARL Statistics and Measurement Program is organized around identifying, collecting, analyzing, and distributing quantifiable information describing the characteristics of research libraries. The program offers publications and special member services, and collaborates with other national and international library statistics programs. Data collected include salaries, library holdings, expenditures, staff, interlibrary lending, and preservation activities.

The members of the Association are:

| Institution | Category | Full Name of Institution | Location |
|---|---|---|---|
| Alabama | S | University of Alabama | Tuscaloosa, Alabama |
| Alberta | C | University of Alberta | Edmonton Alberta |
| Arizona | S | University of Arizona | Tucson, Arizona |
| Arizona State | S | Arizona State University | Tempe, Arizona |
| Auburn | S | Auburn University | Auburn, Alabama |
| Boston | P | Boston University | Boston, Massachusetts |
| Brigham Young | P | Brigham Young University | Provo, Utah |
| British Columbia | C | University of British Columbia | Vancouver, British Columbia |
| Brown | P | Brown University | Providence, Rhode Island |
| California, Berkeley | S | University of California, Berkeley | Berkeley, California |
| California, Davis | S | University of California, Davis | Davis, California |
| California, Irvine | S | University of California, Irvine | Irvine, California |
| California, Los Angeles | S | University of California, Los Angeles | Los Angeles, California |
| California, Riverside | S | University of California, Riverside | Riverside, California |
| California, San Diego | S | University of California, San Diego | La Jolla, California |
| California, Santa Barbara | S | University of California, Santa Barbara | Santa Barbara, California |
| Case Western Reserve | P | Case Western Reserve University | Cleveland, Ohio |
| Chicago | P | University of Chicago | Chicago, Illinois |
| Cincinnati | S | University of Cincinnati | Cincinnati, Ohio |
| Colorado | S | University of Colorado | Boulder, Colorado |
| Colorado State | S | Colorado State University | Fort Collins, Colorado |
| Columbia | P | Columbia University | New York, New York |
| Connecticut | S | University of Connecticut | Storrs, Connecticut |
| Cornell | P | Cornell University | Ithaca, New York |
| Dartmouth | P | Dartmouth College | Hanover, New Hampshire |
| Delaware | S | University of Delaware | Newark, Delaware |
| Duke | P | Duke University | Durham, North Carolina |
| Emory | P | Emory University | Atlanta, Georgia |
| Florida | S | University of Florida | Gainesville, Florida |
| Florida State | S | Florida State University | Tallahassee, Florida |
| Georgetown | P | Georgetown University | Washington, DC |
| Georgia | S | University of Georgia | Athens, Georgia |
| Georgia Tech | S | Georgia Institute of Technology | Atlanta, Georgia |
| Guelph | C | University of Guelph | Guelph, Ontario |
| Harvard | P | Harvard University | Cambridge, Massachusetts |
| Hawaii | S | University of Hawaii | Honolulu, Hawaii |
| Houston | S | University of Houston | Houston, Texas |
| Howard | P | Howard University | Washington, DC |
| Illinois, Chicago | S | University of Illinois at Chicago | Chicago, Illinois |
| Illinois, Urbana | S | University of Illinois at Urbana | Urbana, Illinois |
| Indiana | S | Indiana University | Bloomington, Indiana |
| Iowa | S | University of Iowa | Iowa City, Iowa |
| Iowa State | S | Iowa State University | Ames, Iowa |
| Johns Hopkins | P | Johns Hopkins University | Baltimore, Maryland |
| Kansas | S | University of Kansas | Lawrence, Kansas |
| Kent State | S | Kent State University | Kent, Ohio |
| Kentucky | S | University of Kentucky | Lexington, Kentucky |
| Laval | C | Laval University | Quebec |
| Louisiana State | S | Louisiana State University | Baton Rouge, Louisiana |
| McGill | C | McGill University | Montreal, Quebec |
| McMaster | C | McMaster University | Hamilton, Ontario |
| Manitoba | C | University of Manitoba | Winnipeg, Manitoba |
| Maryland | S | University of Maryland | College Park, Maryland |
| Massachusetts | S | University of Massachusetts | Amherst, Massachusetts |
| MIT | P | Massachusetts Institute of Technology | Cambridge, Massachusetts |
| Miami | P | University of Miami | Coral Gables, Florida |

S=U S public university P=U S private university N=U S nonuniversity library C=Canadian university X=Canadian nonuniversity

| Institution | Category | Full Name of Institution | Location |
|---|---|---|---|
| Michigan | S | University of Michigan | Ann Arbor, Michigan |
| Michigan State | S | Michigan State University | East Lansing, Michigan |
| Minnesota | S | University of Minnesota | Minneapolis, Minnesota |
| Missouri | S | University of Missouri | Columbia, Missouri |
| Nebraska | S | University of Nebraska-Lincoln | Lincoln, Nebraska |
| New Mexico | S | University of New Mexico | Albuquerque, New Mexico |
| New York | P | New York University | New York, New York |
| North Carolina | S | University of North Carolina | Chapel Hill, North Carolina |
| North Carolina State | S | North Carolina State University | Raleigh, North Carolina |
| Northwestern | P | Northwestern University | Evanston, Illinois |
| Notre Dame | P | University of Notre Dame | Notre Dame, Indiana |
| Ohio | S | Ohio University | Athens, Ohio |
| Ohio State | S | Ohio State University | Columbus, Ohio |
| Oklahoma | S | University of Oklahoma | Norman, Oklahoma |
| Oklahoma State | S | Oklahoma State University | Stillwater, Oklahoma |
| Oregon | S | University of Oregon | Eugene, Oregon |
| Pennsylvania | P | University of Pennsylvania | Philadelphia, Pennsylvania |
| Pennsylvania State | S | Pennsylvania State University | University Park, Pennsylvania |
| Pittsburgh | S | University of Pittsburgh | Pittsburgh, Pennsylvania |
| Princeton | P | Princeton University | Princeton, New Jersey |
| Purdue | S | Purdue University | West Lafayette, Indiana |
| Queen's | C | Queen s University | Kingston, Ontario |
| Rice | P | Rice University | Houston, Texas |
| Rochester | P | University of Rochester | Rochester, New York |
| Rutgers | S | Rutgers University | New Brunswick, New Jersey |
| Saskatchewan | C | University of Saskatchewan | Saskatoon, Saskatchewan |
| South Carolina | S | University of South Carolina | Columbia, South Carolina |
| Southern California | P | University of Southern California | Los Angeles, California |
| Southern Illinois | S | Southern Illinois University | Carbondale, Illinois |
| Stanford | P | Stanford University | Stanford, California |
| SUNY-Albany | S | State University of New York at Albany | Albany, New York |
| SUNY-Buffalo | S | State University of New York at Buffalo | Buffalo, New York |
| SUNY-Stony Brook | S | State University of New York at Stony Brook | Stony Brook, New York |
| Syracuse | P | Syracuse University | Syracuse, New York |
| Temple | S | Temple University | Philadelphia, Pennsylvania |
| Tennessee | S | University of Tennessee | Knoxville, Tennessee |
| Texas | S | University of Texas | Austin, Texas |
| Texas A&M | S | Texas A&M University | College Station, Texas |
| Toronto | C | University of Toronto | Toronto, Ontario |
| Tulane | P | Tulane University | New Orleans, Louisiana |
| Utah | S | University of Utah | Salt Lake City, Utah |
| Vanderbilt | P | Vanderbilt University | Nashville, Tennessee |
| Virginia | S | University of Virginia | Charlottesville, Virginia |
| VPI & SU | S | Virginia Polytechnic Institute & State University | Blacksburg, Virginia |
| Washington | S | University of Washington | Seattle, Washington |
| Washington State | S | Washington State University | Pullman, Washington |
| Washington U.-St. Louis | P | Washington University | St. Louis, Missouri |
| Waterloo | C | University of Waterloo | Waterloo, Ontario |
| Wayne State | S | Wayne State University | Detroit, Michigan |
| Western Ontario | C | University of Western Ontario | London, Ontario |
| Wisconsin | S | University of Wisconsin | Madison, Wisconsin |
| Yale | P | Yale University | New Haven, Connecticut |
| York | C | York University | North York, Ontario |
| Boston Public Library | N | Boston Public Library | Boston, Massachusetts |
| Canada Inst. for SciTech | X | Canada Inst. for Scientific & Technical Information | Ottawa, Ontario |
| Center for Research Libs. | N | Center for Research Libraries | Chicago, Illinois |
| Library of Congress | N | Library of Congress | Washington, DC |
| Linda Hall Library | N | Linda Hall Library | Kansas City, Missouri |
| Natl. Agricultural Lib. | N | National Agricultural Library | Beltsville, Maryland |
| Natl. Library of Canada | X | National Library of Canada | Ottawa, Ontario |
| Natl. Library of Medicine | N | National Library of Medicine | Bethesda, Maryland |
| New York Public Library | N | New York Public Library | New York, New York |
| New York State Library | N | New York State Library | Albany, New York |
| Smithsonian Institution | N | Smithsonian Institution | Washington, DC |

S=U.S. public university P=U.S. private university N=U.S. nonuniversity library C=Canadian university X=Canadian nonuniversity

## *ARL STATISTICS AND MEASUREMENT PROGRAM PUBLICATIONS AND SERVICES*

**http://arl.cni.org/stats/Statistics/stat.html**

**The Age Demographics of Academic Librarians: A Profession Apart**

Stanley J. Wilder. December 1995. ISBN 0-918006-77-5. 88pp. $30.

*Based on data from the ARL Annual Salary Survey, this report examines the shape and movement of the ARL librarian age profile, correlates it to the 1960s period of baby boom growth in higher education, and makes startling retirement projections for the group.*

**ARL Academic Law and Medical Library Statistics**

1996. Standing orders: $65 ($35 ARL members). Also available on disk: $15.

*Presents data on a wide range of topics for academic law and medical libraries including collections size and growth, materials and operating expenditures, staffing, and public service activities.*

**ARL Annual Salary Survey 1996-97**

ISSN 0361-5669. Back issues are available. Standing orders: $65 ($35 ARL members).

*A compilation of data covering over 12,000 professional positions in ARL's member libraries. Tables display average, median, and beginning salaries; salaries by position and experience, gender and race; and salaries in different geographic regions and sizes of libraries.*

**ARL Preservation Statistics 1994-95**

ISSN 1050-7442. Back issues are available. Standing orders: $65 ($35 ARL members).

*Annual compilation of data on current levels of preservation efforts and reports on the key organizational, functional, and fiscal components comprising ARL preservation programs.*

**Developing Indicators for Academic Library Performance: Ratios from the ARL Statistics 1993-95**

August 1996. ISSN 1084-9459. 196pp. $50 ($25 ARL members).

*Presents 30 selected ratios that describe changes in internal library operations, as well as resources per faculty and per student, for ARL university libraries over a two-year period.*

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**Conducting User Surveys In Academic Libraries**

*This introductory, one-day workshop presents the basic concepts and steps for conducting a user survey: defining objectives, sampling, measurement scales, logistics, data analysis, and report writing.*

**Electronic Publishing of Data Sets on the WWW**

*This three-day workshop is designed for librarians, information professionals, and educators, and provides hands-on experience in developing interfaces for publishing and analyzing social, economic, and other numeric data sets on the WWW.*

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